

# SEQUENCE LISTING

<110> Rosen, Steven D.  
Palmeri, Diana  
Stefan, Hemmerich

<120> Sulfotransferases and methods of use  
thereof

<130> UCAL230

<140> Unassigned

<141> 2001-12-14

<150> 60/258,577

<151> 2000-12-27

<150> 60/267,831

<151> 2001-09-02

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 5244

<212> DNA

<213> Homo sapiens

<400> 1

ccaccaccca	tcattctaaag	aagataaact	tggcgaaatga	catgcagggtt	cttcaaggca	60
gaataattgc	agaaaatctt	caaaggaccc	tatctgcaga	tgttctgaat	acctctgaga	120
atagagattg	attattcaac	caggatacct	aattcaagga	ctccagaaat	caggagacgg	180
agacattttg	tcagttttgc	aacattggac	caaaatacaa	tgaagtattc	ttgctgtgct	240
ctggttttgg	ctgtcctggg	cacagaattg	ctgggaagcc	tctgttcgac	tgtcagatcc	300
ccgaggttca	gaggacggat	acagcaggaa	cgaaaaaaca	tccgacccaa	cattattctt	360
gtgcttaccg	atgatcaaga	tgtggagctg	gggtccctgc	aagtcatgaa	caaaacgaga	420
aagattatgg	aacatggggg	ggccaccttc	atcaatgcct	ttgtgactac	acccatgtgc	480
tgcccgtcac	ggctcctccat	gctcaccggg	aagtatgtgc	acaatcacia	tgtctacacc	540
aacaacgaga	actgctcttc	cccctcgtgg	caggccatgc	atgagcctcg	gacttttgct	600
gtatatctta	acaacactgg	ctacagaaca	gccttttttg	gaaaatacct	caatgaatat	660
aatggcagct	acatcccccc	tgggtggcga	gaatggcttg	gattaatcaa	gaattctcgc	720
ttctataatt	acactgtttg	tcgcaatggc	atcaaagaaa	agcatggatt	tgattatgca	780
aaggactact	tcacagactt	aatcactaac	gagagcatta	attacttcaa	aatgtctaag	840
agaatgtatc	cccataggcc	cgttatgatg	gtgatcagcc	acgctgcgcc	ccacggcccc	900
gaggactcag	ccccacagtt	ttctaaactg	tacccaatg	cttcccaaca	cataactcct	960
agttataact	atgcaccaaa	tatggataaa	cactggatta	tgcagtacac	aggaccaatg	1020
ctgcccattc	acatggaatt	tacaaacatt	ctacagcgca	aaaggctcca	gactttgatg	1080
tcagtggatg	attctgtgga	gaggctgtat	aacatgctcg	tggagacggg	ggagctggag	1140
aataacttaca	tcattttacac	cgccgaccat	ggttaccata	ttgggcagtt	tggactggtc	1200

aaggggaaat	ccatgccata	tgactttgat	attcgtgtgc	ctttttttat	togtggtooa	1260
agtgtagaac	caggatcaat	agtcccacag	atcgtttctca	acattgactt	ggccccacg	1320
atcctggata	ttgctgggct	cgacacacct	cctgatgtgg	acggcaagtc	tgtcctcaaa	1380
cttctggacc	cagaaaagcc	aggtaacagg	tttcgaacaa	acaagaaggc	caaaatttgg	1440
cgtgatacat	tcctagtggg	aagaggcaaa	tttctacgta	agaagggaaga	atccagcaag	1500
aatatccaac	agtcaaataca	cttgcccaaa	tatgaacggg	tcaaagaact	atgccagcag	1560
gccaggtaac	agacagcctg	tgaacaaccg	gggcagaagt	ggcaatgcat	tgaggatata	1620
tctggcaagc	ttcgaattca	caagtgtaaa	ggaccagtg	acctgctcac	agtccggcag	1680
agcacgcgga	acctctacgc	tgcgggcttc	catgacaaag	acaagagtg	cagttgtagg	1740
gagtctggtt	accgtgccag	cagaagccaa	agaaagagtc	aacggcaatt	cttgagaaac	1800
caggggactc	caaagtacaa	gcccagattt	gtccatactc	ggcagacacg	ttccttgtcc	1860
gtcgaatttg	aaggtgaaat	atatgacata	aatctggaag	aagaagaaga	attgcaagtg	1920
ttgcaaccaa	gaaacattgc	taagcgtcat	gatgaaggcc	acaaggggcc	aagagatctc	1980
caggcttcca	gtggtggcaa	caggggcagg	atgctggcag	atagcagcaa	cgccgtgggc	2040
ccacctacca	ctgtccgagt	gacacacaag	tgttttattc	ttcccaatga	ctctatccat	2100
tgtgagagag	aactgtacca	atcggccaga	gcgtggaagg	accataaggc	atacattgac	2160
aaagagattg	aagctctgca	agataaaaat	aagaatttaa	gagaagtgag	aggacatctg	2220
aagagaagga	agcctgagga	atgtagctgc	agtaaacaaa	gctattacaa	taaagagaaa	2280
ggtgtaaaaa	agcaagagaa	attaaagagc	catcttcacc	cattcaagga	ggctgctcag	2340
gaagtagata	gcaaactgca	acttttcaag	gagaacaacc	gtaggaggaa	gaaggagagg	2400
aaggagaaga	gacggcagag	gaagggggaa	gagtgcagcc	tgcttggcct	cacttgcttc	2460
acgcatgaca	acaaccactg	gcagacagcc	ccgttctgga	acctgggatc	tttctgtgct	2520
tgcacgagtt	ctaacaataa	cacctactgg	tgtttgcgta	cagttaatga	gacgcataat	2580
tttcttttct	gtgagtttgc	tactggcttt	ttggagtatt	ttgatatgaa	tacagacctc	2640
tatcagctca	caaatacagt	gcacacggta	gaacgaggca	ttttgaatca	gctacacgta	2700
caactaatgg	agctcagaag	ctgtcaagga	tataagcagt	gcaacccaag	acctaagaat	2760
cttgatgttg	gaaataaaga	tggagggaagc	tatgacctac	acagaggaca	gttatgggat	2820
ggatgggaag	gttaatcagc	cccgtctcac	tgcacacatc	aactggcaag	gcctagaggga	2880
gctacacagt	gtgaatgaaa	acatctatga	gtacagacaa	aactacagac	ttagtctggt	2940
ggactggact	aattacttga	aggattttaga	tagagtattt	gcaactgctga	agagtcacta	3000
tgagcaaaat	aaaacaaata	agactcaaac	tgctcaaagt	gacgggttct	tggttgtctc	3060
tgctgagcac	gctgtgtcaa	tggagatggc	ctctgctgac	tcagatgaag	acccaaggca	3120
taaggttggg	aaaacacctc	at ttgacctt	gccagctgac	cttcaaacc	tgcat ttgaa	3180
ccgaccaaca	ttaagtccag	agagtaaaact	tgaatggaat	aacgcatttc	cagaagttaa	3240
tcatttgaat	tctgaacact	ggagaaaaaac	cgaaaaatgg	acggggcatg	aagagactaa	3300
tcacttgga	accgatttca	gtggcgatgg	catgacagag	ctagagctcg	ggcccagccc	3360
caggctgcag	cccattcgca	ggcaccgaa	agaacttccc	cagtatggtg	gtcctggaaa	3420
ggacattttt	gaagatcaac	tatatcttcc	tgtgcattcc	gatggaattt	cagttcatca	3480
gatgttcacc	atggccaccg	cagaacaccg	aagtaattcc	agcatagcgg	ggaagatggt	3540
gaccaaggtg	gagaagaatc	acgaaaagga	gaagtcacag	cacctagaag	gcagcgctc	3600
ctcttcactc	tcctctgatt	agatgaaact	gttaccttac	cctaaacaca	gtatttcttt	3660
ttaaactttt	tatttgtaaa	ctaataaagg	taatcacagc	caccaacatt	ccaagctacc	3720
ctgggtacct	ttgtgcagta	gaagctagtg	agcatgtgag	caagcggtgt	gcacacggag	3780
actcatcggt	ataatttact	atctgccaa	agtagaaaaga	aaggctgggg	atatttgggt	3840
tggcttggtt	ttgatttttt	gcttggtttg	ttgttttgta	ctaaaacagt	attatctttt	3900
gaatatcgta	gggacataag	tatatcatg	ttatccaatc	aagatggcta	gaatggtgcc	3960
tttctgagtg	tctaaaaact	gacacccctg	gtaaatcttt	caacacactt	ccactgctg	4020
cgtaatgaag	ttttgattca	tttttaacca	ctggaatttt	tcaatgccgt	cattttcagt	4080
tagatgattt	tgcactttga	gattaaaatg	ccatgtctat	ttgattagtc	ttattttttt	4140
at tt tt tacag	gcttatcagt	ctcactgttg	gctgtcattg	tgacaaagtc	aaataaaacc	4200
ccaagggacga	cacacaqtat	ggatcacata	ttgtttgaca	ttaaagctttt	gccagaaaaat	4260



gttgcatgtg	ttttacctcg	acttgctaaa	atcgattagc	agaaaggcat	ggctaataat	4320
gttggtgtg	aaaataaata	aataagtaaa	caaaatgaag	attgcctgct	ctctctgtgc	4380
ctagcctcaa	agcgttcatc	atacatcata	cctttaagat	tgctataatt	tgggttattt	4440
tcttgacagg	agaaaaagat	ctaaagatct	tttattttca	tcttttttgg	ttttcttggc	4500
atgactaaga	agcttaaatg	ttgataaaat	atgactagtt	ttgaatttac	accaagaact	4560
tctcaataaa	agaaaatcat	gaatgctcca	caatttcaac	ataccacaag	agaagttaat	4620
ttcttaacat	tgtgttctat	gattatttgt	aagaccttca	ccaagtctcg	atatctttta	4680
aagacatagt	tcaaaattgc	ttttgaaaat	ctgtattctt	gaaaatatcc	ttgttgtgta	4740
ttaggttttt	aaataccagc	taaaggatta	cctcactgag	tcatcagtac	cctcctattc	4800
agctcccaa	gatgatgtgt	ttttgcttac	cctaagagag	gttttcttct	tatttttaga	4860
taattcaagt	gcttagataa	attatgtttt	ctttaagtg	ttatggtaaa	ctcttttaaa	4920
gaaaatttaa	tatgttatag	ctgaatcttt	ttggtaactt	taaatcttta	tcatagactc	4980
tgtacatatg	ttcaaattag	ctgcttgcc	gatgtgtgta	tcatcggtag	gatgacagaa	5040
caaacatatt	tatgatcatg	aataatgtgc	tttgtaaaaa	gatttcaagt	tattaggaag	5100
catactctgt	tttttaatac	tgtataatat	tccatgatac	ttttatagaa	caattctggc	5160
ttcaggaaa	tctagaagca	atatttcttc	aaataaaaagg	tgtttaaact	ttaaaaaaa	5220
aaaaaaaaa	aaaaaaaaa	aaaa				5244

<210> 2

<211> 2616

<212> DNA

<213> Homo sapiens

<400> 2

atgaagtatt	cttgctgtgc	tctggttttg	gctgtcctgg	gcacagaatt	gctgggaagc	60
ctctgttcga	ctgtcagatc	cccagaggtc	agaggacgga	tacagcagga	acgaaaaaac	120
atccgaccca	acattattct	tgtgcttacc	gatgatcaag	atgtggagct	gggggccctg	180
caagtcatga	acaaaacgag	aaagattatg	gaacatgggg	gggccacctt	catcaatgcc	240
tttgtgacta	cacccatgtg	ctgcccgtca	cggctcctcca	tgctcacccg	gaagtatgtg	300
cacaatcaca	atgtctacac	caacaacgag	aactgctctt	ccccctcgtg	gcaggccatg	360
catgagcctc	ggacttttgc	tgtatatctt	aacaacactg	gctacagaac	agcctttttt	420
ggaaaatacc	tcaatgaata	taatggcagc	tacatcccc	ctgggtggcg	agaatggctt	480
ggattaatca	agaattctcg	cttctataat	tacactgttt	gtcgcaatgg	catcaaagaa	540
aagcatggat	ttgattatgc	aaaggactac	ttcacagact	taatcactaa	cgagagcatt	600
aattacttca	aaatgtctaa	gagaatgtat	ccccataggc	ccgttatgat	ggtgatcagc	660
cacgtgcgc	cccacggccc	cgaggactca	gccccacagt	tttctaaact	gtaccccaat	720
gcttcccaac	acataactcc	tagttataac	tatgcaccaa	atatggataa	acactggatt	780
atgcagtaca	caggaccaat	gctgcccac	cacatggaat	ttacaaacat	tctacagcgc	840
aaaaggctcc	agactttgat	gtcagtggtg	gattctgtgg	agaggctgta	taacatgctc	900
gtggagacgg	gggagctgga	gaatacttac	atcatttaca	ccgccgacca	tggttaccat	960
attgggcagt	ttggactggt	caaggggaaa	tccatgccat	atgactttga	tattcgtgtg	1020
ccttttttta	ttcgtggtcc	aagtgtagaa	ccaggatcaa	tagtcccaca	gatcgttctc	1080
aacattgact	tggccccac	gatcctggat	attgctgggc	tgcacacacc	tcctgatgtg	1140
gacggcaagt	ctgtcctcaa	acttctggac	ccagaaaagc	caggtaacag	gtttcgaaca	1200
aacaagaagg	ccaaaatttg	gcgtgatata	ttcctagtgg	aaagaggcaa	atctctacgt	1260
aagaagggaag	aatccagcaa	gaatatccaa	cagtcaaata	acttgcccaa	atatgaacgg	1320
gtcaaagaac	tatgccagca	ggccagggtac	cagacagcct	gtgaacaacc	ggggcagaag	1380
tggcaatgca	ttgaggatac	atctggcaag	cttcgaattc	acaagtgtaa	aggaccagct	1440
gacctgctca	cagtcgggca	gagcacgcgg	aacctctacg	ctcgcggctt	ccatgacaaa	1500
gacaaagagt	gcagttgtag	ggagtctggt	taccgtgcc	gcagaagcca	aagaaagagt	1560
caacggcaat	tcttgagaaa	ccaggggact	ccaaagtaca	agccagatt	tgtccatact	1620

```

cggcagacac gttccttgtc cgtcgaattt gaaggtgaaa tatatgacat aaatctggaa 1680
gaagaagaag aattgcaagt gttgcaacca agaaacattg ctaagcgtca tgatgaaggc 1740
cacaaggggc caagagatct ccaggcttcc agtggtggca acaggggcag gatgctggca 1800
gatagcagca acgccgtggg cccacctacc actgtccgag tgacacacaa gtgttttatt 1860
cttcccaatg actctatcca ttgtgagaga gaactgtacc aatcggccag agcgtggaag 1920
gaccataagg catacattga caaagagatt gaagctctgc aagataaaat taagaattta 1980
agagaagtga gaggacatct gaagagaagg aagcctgagg aatgtagctg cagtaaacia 2040
agctattaca ataaagagaa aggtgtaaaa aagcaagaga aattaaagag ccattcttcac 2100
ccattcaagg aggctgctca ggaagtagat agcaaactgc aacttttcaa ggagaacaac 2160
cgtaggagga agaaggagag gaaggagaag agacggcaga ggaaggggga agagtgcagc 2220
ctgcctggcc tcacttgctt cacgcatgac aacaaccact ggcagacagc cccgttctgg 2280
aacctgggat ctttctgtgc ttgcacgagt tctaacaata acacctactg gtgtttgcgt 2340
acagttaatg agacgcataa ttttcttttc tgtgagtttg ctactggctt tttggagtat 2400
tttgatatga atacagatcc ttatcagctc acaaatacag tgcacacggt agaacgaggc 2460
atthttgaatc agctacacgt acaactaatg gagctcagaa gctgtcaagg atataagcag 2520
tgcaacccaa gacctaagaa tcttgatgtt ggaaataaag atggaggaag ctatgacctt 2580
cacagaggac agttatggga tggatgggaa gggttaa 2616

```

```

<210> 3
<211> 871
<212> PRT
<213> Homo sapiens

```

```

<400> 3
Met Lys Tyr Ser Cys Cys Ala Leu Val Leu Ala Val Leu Gly Thr Glu
  1             5             10             15
Leu Leu Gly Ser Leu Cys Ser Thr Val Arg Ser Pro Arg Phe Arg Gly
      20             25             30
Arg Ile Gln Gln Glu Arg Lys Asn Ile Arg Pro Asn Ile Ile Leu Val
      35             40             45
Leu Thr Asp Asp Gln Asp Val Glu Leu Gly Ser Leu Gln Val Met Asn
      50             55             60
Lys Thr Arg Lys Ile Met Glu His Gly Gly Ala Thr Phe Ile Asn Ala
      65             70             75             80
Phe Val Thr Thr Pro Met Cys Cys Pro Ser Arg Ser Ser Met Leu Thr
      85             90             95
Gly Lys Tyr Val His Asn His Asn Val Tyr Thr Asn Asn Glu Asn Cys
      100            105            110
Ser Ser Pro Ser Trp Gln Ala Met His Glu Pro Arg Thr Phe Ala Val
      115            120            125
Tyr Leu Asn Asn Thr Gly Tyr Arg Thr Ala Phe Phe Gly Lys Tyr Leu
      130            135            140
Asn Glu Tyr Asn Gly Ser Tyr Ile Pro Pro Gly Trp Arg Glu Trp Leu
      145            150            155            160
Gly Leu Ile Lys Asn Ser Arg Phe Tyr Asn Tyr Thr Val Cys Arg Asn
      165            170            175
Gly Ile Lys Glu Lys His Gly Phe Asp Tyr Ala Lys Asp Tyr Phe Thr
      180            185            190
Asp Leu Ile Thr Asn Glu Ser Ile Asn Tyr Phe Lys Met Ser Lys Arg
      195            200            205
Met Tyr Pro His Arg Pro Val Met Met Val Ile Ser His Ala Ala Pro

```

210	215	220
His Gly Pro Glu Asp Ser Ala Pro Gln Phe Ser Lys Leu Tyr Pro Asn		
225	230	235
Ala Ser Gln His Ile Thr Pro Ser Tyr Asn Tyr Ala Pro Asn Met Asp		240
	245	250
Lys His Trp Ile Met Gln Tyr Thr Gly Pro Met Leu Pro Ile His Met		255
	260	265
Glu Phe Thr Asn Ile Leu Gln Arg Lys Arg Leu Gln Thr Leu Met Ser		270
	275	280
Val Asp Asp Ser Val Glu Arg Leu Tyr Asn Met Leu Val Glu Thr Gly		285
	290	295
Glu Leu Glu Asn Thr Tyr Ile Ile Tyr Thr Ala Asp His Gly Tyr His		300
305	310	315
Ile Gly Gln Phe Gly Leu Val Lys Gly Lys Ser Met Pro Tyr Asp Phe		320
	325	330
Asp Ile Arg Val Pro Phe Phe Ile Arg Gly Pro Ser Val Glu Pro Gly		335
	340	345
Ser Ile Val Pro Gln Ile Val Leu Asn Ile Asp Leu Ala Pro Thr Ile		350
	355	360
Leu Asp Ile Ala Gly Leu Asp Thr Pro Pro Asp Val Asp Gly Lys Ser		365
	370	375
Val Leu Lys Leu Leu Asp Pro Glu Lys Pro Gly Asn Arg Phe Arg Thr		380
385	390	395
Asn Lys Lys Ala Lys Ile Trp Arg Asp Thr Phe Leu Val Glu Arg Gly		400
	405	410
Lys Phe Leu Arg Lys Lys Glu Glu Ser Ser Lys Asn Ile Gln Gln Ser		415
	420	425
Asn His Leu Pro Lys Tyr Glu Arg Val Lys Glu Leu Cys Gln Gln Ala		430
	435	440
Arg Tyr Gln Thr Ala Cys Glu Gln Pro Gly Gln Lys Trp Gln Cys Ile		445
	450	455
Glu Asp Thr Ser Gly Lys Leu Arg Ile His Lys Cys Lys Gly Pro Ser		460
465	470	475
Asp Leu Leu Thr Val Arg Gln Ser Thr Arg Asn Leu Tyr Ala Arg Gly		480
	485	490
Phe His Asp Lys Asp Lys Glu Cys Ser Cys Arg Glu Ser Gly Tyr Arg		495
	500	505
Ala Ser Arg Ser Gln Arg Lys Ser Gln Arg Gln Phe Leu Arg Asn Gln		510
	515	520
Gly Thr Pro Lys Tyr Lys Pro Arg Phe Val His Thr Arg Gln Thr Arg		525
	530	535
Ser Leu Ser Val Glu Phe Glu Gly Glu Ile Tyr Asp Ile Asn Leu Glu		540
545	550	555
Glu Glu Glu Glu Leu Gln Val Leu Gln Pro Arg Asn Ile Ala Lys Arg		560
	565	570
His Asp Glu Gly His Lys Gly Pro Arg Asp Leu Gln Ala Ser Ser Gly		575
	580	585
Gly Asn Arg Gly Arg Met Leu Ala Asp Ser Ser Asn Ala Val Gly Pro		590
	595	600
Pro Thr Thr Val Arg Val Thr His Lys Cys Phe Ile Leu Pro Asn Asp		605
	610	615
		620

Ser Ile His Cys Glu Arg Glu Leu Tyr Gln Ser Ala Arg Ala Trp Lys  
 625 630 635 640  
 Asp His Lys Ala Tyr Ile Asp Lys Glu Ile Glu Ala Leu Gln Asp Lys  
 645 650 655  
 Ile Lys Asn Leu Arg Glu Val Arg Gly His Leu Lys Arg Arg Lys Pro  
 660 665 670  
 Glu Glu Cys Ser Cys Ser Lys Gln Ser Tyr Tyr Asn Lys Glu Lys Gly  
 675 680 685  
 Val Lys Lys Gln Glu Lys Leu Lys Ser His Leu His Pro Phe Lys Glu  
 690 695 700  
 Ala Ala Gln Glu Val Asp Ser Lys Leu Gln Leu Phe Lys Glu Asn Asn  
 705 710 715 720  
 Arg Arg Arg Lys Lys Glu Arg Lys Glu Lys Arg Arg Gln Arg Lys Gly  
 725 730 735  
 Glu Glu Cys Ser Leu Pro Gly Leu Thr Cys Phe Thr His Asp Asn Asn  
 740 745 750  
 His Trp Gln Thr Ala Pro Phe Trp Asn Leu Gly Ser Phe Cys Ala Cys  
 755 760 765  
 Thr Ser Ser Asn Asn Asn Thr Tyr Trp Cys Leu Arg Thr Val Asn Glu  
 770 775 780  
 Thr His Asn Phe Leu Phe Cys Glu Phe Ala Thr Gly Phe Leu Glu Tyr  
 785 790 795 800  
 Phe Asp Met Asn Thr Asp Pro Tyr Gln Leu Thr Asn Thr Val His Thr  
 805 810 815  
 Val Glu Arg Gly Ile Leu Asn Gln Leu His Val Gln Leu Met Glu Leu  
 820 825 830  
 Arg Ser Cys Gln Gly Tyr Lys Gln Cys Asn Pro Arg Pro Lys Asn Leu  
 835 840 845  
 Asp Val Gly Asn Lys Asp Gly Gly Ser Tyr Asp Leu His Arg Gly Gln  
 850 855 860  
 Leu Trp Asp Gly Trp Glu Gly  
 865 870

<210> 4  
 <211> 3363  
 <212> DNA  
 <213> Homo sapiens

<400> 4  
 gactcccgca tcccaaaaga agcaccagat cagcaaaaaa agaagatggg ccccccgagc 60  
 ctctgtgtgt gcttgtgtgt cgcaactgtg ttctccctgc tgggtggaag ctcggccttc 120  
 ctgtcgcacc accgcctgaa aggcagggtt cagagggacc gcaggaacat ccgccccaac 180  
 atcatcctgg tgtgacgga cgaccaggat gtggagctgg gttccatgca ggtgatgaac 240  
 aagacccggc gcatcatgga gcagggcggg gcgcacttca tcaacgcctt cgtgaccaca 300  
 cccatgtgtc gccctcacg ctctctccatc ctactggca agtacgtcca caaccacaac 360  
 acctacacca acaatgagaa ctgtctctcg ccctcctggc aggcacagca cgagagccgc 420  
 acctttgccg tgtacctcaa tagcactggc taccggacag ctttcttcgg gaagtatctt 480  
 aatgaataca acggtccta cgtgccaccc ggctggaagg agtgggtcgg actccttaaa 540  
 aactcccgct tttataacta cacgctgtgt cggaacgggg tgaaagaaaa gcacggctcc 600  
 gactactcca aggattacct cacagacctc atcaccaatg acagcgtgag cttcttccgc 660  
 acgtccaaga agatgtaccc gcacaggcca gtctctcatgg tcatcagcca tgcagcccc 720

cacggccctg	aggattcagc	cccacaatat	tcacgcctct	tcccaaacgc	atctcagcac	780
atcacgccga	gctacaacta	cgcgcccaac	cgggacaaac	actggatcat	gcgctacacg	840
gggcccctga	agcccatcca	catggaattc	accaacatgc	tccagcggaa	gcgcttgacg	900
accctcatgt	cgggtggacga	ctccatggag	acgattttaca	acatgctggt	tgagacgggc	960
gagctggaca	acacgtacat	cgtatacacc	gccgaccacg	gttaccacat	cggccagttt	1020
ggcctgggtga	aagggaaatc	catgccatat	gagtttgaca	tcaggggtccc	gttctacgtg	1080
agggggcccca	acgtggaagc	cggctgtctg	aatccccaca	tcgtcctcaa	cattgacctg	1140
gcccccacca	tcctggacat	tgcaggcctg	gacatacctg	cggatatgga	cgggaaatcc	1200
atcctcaagc	tgctggacac	ggagcggccg	gtgaatcggg	ttcacttgaa	aaagaagatg	1260
aggggtctggc	gggactcctt	cttgggtggag	agaggcaagc	tgctacacaa	gagagacaat	1320
gacaaggtgg	acgcccagga	ggagaacttt	ctgcccaagt	accagcgtgt	gaaggacctg	1380
tgtcagcgtg	ctgagtacca	gacggcgtgt	gagcagctgg	gacagaagtg	gcagtgtgtg	1440
gaggacgcca	cggggaagct	gaagctgcat	aagtgcagg	gccccatgcg	gctgggcggc	1500
agcagagccc	tctccaacct	cgtgcccaag	tactacgggc	agggcagcga	ggcctgcacc	1560
tgtgacagcg	gggactacaa	gctcagcctg	gccggacgcc	ggaaaaaact	cttcaagaag	1620
aagtacaagg	ccagctatgt	cgcagtcgc	tccatccgct	cagtggccat	cgaggtggac	1680
ggcaggggtgt	accacgtagg	cctgggtgat	gccgccagc	cccgaacct	caccaagcgg	1740
cactggccag	gggcccctga	ggaccaagat	gacaaggatg	gtggggactt	cagtggcact	1800
ggaggccttc	ccgactactc	agccgccaac	cccattaaag	tgacacatcg	gtgctacatc	1860
ctagagaacg	acacagtcca	gtgtgacctg	gacctgtaca	agtccctgca	ggcctggaaa	1920
gaccacaagc	tgacatcgga	ccacgagatt	gaaacctgc	agaacaaaat	taagaacctg	1980
agggaaagtcc	gaggtcacct	gaagaaaaag	cggccagaag	aatgtgactg	tcacaaaatc	2040
agctaccaca	cccagcaca	aggccgcctc	aagcacagag	gctccagtct	gcaccccttc	2100
aggaagggcc	tgcaagagaa	ggacaagggtg	tggtgtgtgc	gggagcagaa	gcgcaagaag	2160
aaactccgca	agctgtctca	gcgctgtcag	aacaacgaca	cgtgcagcat	gccaggcctc	2220
acgtgcttca	cccacgacaa	ccagcactgg	cagacggcgc	ctttctggac	actggggcct	2280
ttctgtgcct	gcaccagcgc	caacaataac	acgtactggt	gcatgaggac	catcaatgag	2340
actcacaatt	tcctcttctg	tgaatttgca	actggcttcc	tagagtactt	tgatctcaac	2400
acagaccctt	accagctgat	gaatgcagtg	aacacactgg	acagggatgt	cctcaaccag	2460
ctacacgtac	agctcatgga	gctgaggagc	tgcaagggtt	acaagcagtg	taacccccgg	2520
actcgaaaca	tggaacctggg	acttaaagat	ggaggaagct	atgagcaata	caggcagttt	2580
cagcgtcgaa	agtggccaga	aatgaagaga	ccttcttcca	aatcactggg	acaactgtgg	2640
gaaggctggg	aagggttaaga	aacaacagag	gtggacctcc	aaaaacatag	aggcatcacc	2700
tgactgcaca	ggcaatgaaa	aacctatgtg	gtgatttcca	gcagacctgt	gctattggcc	2760
aggaggcctg	agaaagcaag	cacgcactct	cagtcaacat	gacagattct	ggaggataac	2820
cagcaggagc	agagataact	tcaggaagtc	cattttttgcc	cctgcttttg	ctttggatta	2880
tacctcacca	gctgcacaaa	atgcattttt	tcgtatcaaa	aagtcaccac	taacctctcc	2940
ccagaagctc	acaaaggaaa	acggagagag	cgagcgagag	agatttcctt	ggaaatttct	3000
cccaagggcg	aaagtcattg	gaatttttaa	atcatagggg	aaaagcagtc	ctgttctaaa	3060
tcctcttatt	cttttggttt	gtcacaaaga	aggaactaag	aagcaggaca	gaggcaacgt	3120
ggagaggctg	aaaacagtgc	agagacgttt	gacaatgagt	cagtagcaca	aaagagatga	3180
catttaccta	gcactataaa	ccctgggttg	ctctgaagaa	actgccttca	ttgtatatat	3240
gtgactattt	acatgtaatc	aacatgggaa	cttttagggg	aacctaatat	gaaatcccaa	3300
ttttcaggag	tggtgggtgtc	aataaacgct	ctgtggccag	tgtaaaagaa	aaaaaaaaaa	3360
aaa						3363

<210> 5

<211> 2616

<212> DNA

<213> Homo sapiens

```

<400> 5
tgaatggggc ccccgagcct cgtgctgtgc ttgctgtccg caactgtggt ctcctgtctg      60
ggtggaagct cggccttcct gtcgcaccac cgctgaaag gcaggtttca gagggaccgc      120
aggaacatcc gcccacaacat catcctgggtg ctgacggacg accaggatgt ggagctgggt      180
tccatgcagg tgatgaacaa gacccgggc atcatggagc agggcggggc gcacttcac      240
aacgccttcg tgaccacacc catgtgtctgc ccctcacgct cctccatcct cactggcaag      300
tacgtccaca accacaacac ctacaccaac aatgagaact gtcctcgcc ctctggcag      360
gcacagcacg agagccgcac ctttgccgtg tacctcaata gactggcta ccggacagct      420
ttcttcggga agtatcttaa tgaatacaac ggctcctacg tgccaccggg ctggaaggag      480
tgggtcggac tccttaaaaa ctcccgcttt tataactaca cgctgtgtcg gaacggggtg      540
aaagaaaagc acggctccga ctactccaag gattacctca cagacctcat caccaatgac      600
agcgtgagct tcttcgcac gtccaagaag atgtaccgc acaggccagt cctcatggtc      660
atcagccatg cagccccca cggccctgag gattcagccc cacaatatc acgcctcttc      720
ccaaacgcat ctcagcacat cagcccgagc tacaactacg cgcccaaccc ggacaaacac      780
tggatcatgc gctacacggg gcccatgaag cccatccaca tggaattcac caacatgctc      840
cagcggaaag ccttgacagc cctcatgtcg gtggacgact ccatggagac gatttacaac      900
atgctggttg agacgggcga gctggacaac acgtacatcg tatacaccgc cgaccacggt      960
taccacatcg gccagtttg cctgggtgaaa gggaaatcca tgccatatga gtttgacatc     1020
aggggtcccg tctacgtgag gggccccaac gtggaagccg gctgtctgaa tccccacatc     1080
gtcctcaaca ttgacctggc ccccaccatc ctggacattg caggcctgga catacctgcg     1140
gatatggacg ggaaatccat cctcaagctg ctggacacgg agcggccggt gaatcggttt     1200
cacttgaaaa agaagatgag ggtctggcgg gactccttct tgggtggagag aggcaagctg     1260
ctacacaaga gagacaatga caagggtggac gcccaggagg agaactttct gcccaagtac     1320
cagcgtgtga aggacctgtg tcagcgtgct gagtaccaga cggcgtgtga gcagctggga     1380
cagaagtggc agtgtgtgga ggacgccacg gggaagctga agctgcataa gtgcaagggc     1440
cccatgcggc tgggcggcag cagagccctc tccaacctcg tgcccaagta ctacgggcag     1500
ggcagcggag cctgcacctg tgacagcggg gactacaagc tcagcctggc cggacgcggg     1560
aaaaaactct tcaagaagaa gtacaaggcc agctatgtcc gcagtcgctc catccgctca     1620
gtggccatcg aggtggacgg caggggtgtac cacgtaggcc tgggtgatgc cgcccagccc     1680
cgaaacctca ccaagcggca ctggccaggg gcccctgagg accaagatga caaggatggt     1740
ggggacttca gtggcactgg aggccttccc gactactcag ccgccaaccc cattaaagtg     1800
acacatcggt gctacatcct agagaacgac acagtccagt gtgacctgga cctgtacaag     1860
tcctgcagg cctggaaaga ccacaagctg cacatcgacc acgagattga aaccctgcag     1920
aacaaaatta agaacctgag ggaagtccga ggtcacctga agaaaaagcg gccagaagaa     1980
tgtgactgtc acaaaatcag ctaccacacc cagcacaag gccgcctcaa gcacagaggc     2040
tcagttctgc atcctttcag gaagggcctg caagagaagg acaaggtgtg gctgttgccg     2100
gagcagaagc gcaagaagaa actccgcaag ctgctcaagc gcctgcagaa caacgcacg     2160
tgacgcatgc caggcctcac gtgcttcacc cagcacaacc agcactggca gacggcgctc     2220
ttctggacac tggggccttt ctgtgcctgc accagcgcca acaataacac gtactgggtg     2280
atgaggacca tcaatgagac tcacaatttc ctcttctgtg aatttgcaac tggcttccta     2340
gagtactttg atctcaacac agacccttac cagctgatga atgcagtga cacactggac     2400
agggatgtcc tcaaccagct acacgtacag ctcatggagc tgaggagctg caaggggttac     2460
aagcagtgtg acccccgac tcgaaacatg gacctgggac ttaaagatgg aggaagctat     2520
gagcaataca ggcagtttca gcgtcgaaag tggccagaaa tgaagagacc ttcttccaaa     2580
tcactgggac aactgtggga aggctgggaa ggttaa      2616

```

```

<210> 6
<211> 870
<212> PRT
<213> Homo sapiens

```

```

<400> 6
Met Gly Pro Pro Ser Leu Val Leu Cys Leu Leu Ser Ala Thr Val Phe
 1          5          10          15
Ser Leu Leu Gly Gly Ser Ser Ala Phe Leu Ser His His Arg Leu Lys
 20          25          30
Gly Arg Phe Gln Arg Asp Arg Arg Asn Ile Arg Pro Asn Ile Ile Leu
 35          40          45
Val Leu Thr Asp Asp Gln Asp Val Glu Leu Gly Ser Met Gln Val Met
 50          55          60
Asn Lys Thr Arg Arg Ile Met Glu Gln Gly Gly Ala His Phe Ile Asn
 65          70          75          80
Ala Phe Val Thr Thr Pro Met Cys Cys Pro Ser Arg Ser Ser Ile Leu
 85          90          95
Thr Gly Lys Tyr Val His Asn His Asn Thr Tyr Thr Asn Asn Glu Asn
100          105          110
Cys Ser Ser Pro Ser Trp Gln Ala Gln His Glu Ser Arg Thr Phe Ala
115          120          125
Val Tyr Leu Asn Ser Thr Gly Tyr Arg Thr Ala Phe Phe Gly Lys Tyr
130          135          140
Leu Asn Glu Tyr Asn Gly Ser Tyr Val Pro Pro Gly Trp Lys Glu Trp
145          150          155          160
Val Gly Leu Leu Lys Asn Ser Arg Phe Tyr Asn Tyr Thr Leu Cys Arg
165          170          175
Asn Gly Val Lys Glu Lys His Gly Ser Asp Tyr Ser Lys Asp Tyr Leu
180          185          190
Thr Asp Leu Ile Thr Asn Asp Ser Val Ser Phe Phe Arg Thr Ser Lys
195          200          205
Lys Met Tyr Pro His Arg Pro Val Leu Met Val Ile Ser His Ala Ala
210          215          220
Pro His Gly Pro Glu Asp Ser Ala Pro Gln Tyr Ser Arg Leu Phe Pro
225          230          235          240
Asn Ala Ser Gln His Ile Thr Pro Ser Tyr Asn Tyr Ala Pro Asn Pro
245          250          255
Asp Lys His Trp Ile Met Arg Tyr Thr Gly Pro Met Lys Pro Ile His
260          265          270
Met Glu Phe Thr Asn Met Leu Gln Arg Lys Arg Leu Gln Thr Leu Met
275          280          285
Ser Val Asp Asp Ser Met Glu Thr Ile Tyr Asn Met Leu Val Glu Thr
290          295          300
Gly Glu Leu Asp Asn Thr Tyr Ile Val Tyr Thr Ala Asp His Gly Tyr
305          310          315          320
His Ile Gly Gln Phe Gly Leu Val Lys Gly Lys Ser Met Pro Tyr Glu
325          330          335
Phe Asp Ile Arg Val Pro Phe Tyr Val Arg Gly Pro Asn Val Glu Ala
340          345          350
Gly Cys Leu Asn Pro His Ile Val Leu Asn Ile Asp Leu Ala Pro Thr
355          360          365
Ile Leu Asp Ile Ala Gly Leu Asp Ile Pro Ala Asp Met Asp Gly Lys
370          375          380
Ser Ile Leu Lys Leu Leu Asp Thr Glu Arg Pro Val Asn Arg Phe His
385          390          395          400

```

Leu	Lys	Lys	Lys	Met	Arg	Val	Trp	Arg	Asp	Ser	Phe	Leu	Val	Glu	Arg		
				405					410					415			
Gly	Lys	Leu	Leu	His	Lys	Arg	Asp	Asn	Asp	Lys	Val	Asp	Ala	Gln	Glu		
			420				425						430				
Glu	Asn	Phe	Leu	Pro	Lys	Tyr	Gln	Arg	Val	Lys	Asp	Leu	Cys	Gln	Arg		
		435					440					445					
Ala	Glu	Tyr	Gln	Thr	Ala	Cys	Glu	Gln	Leu	Gly	Gln	Lys	Trp	Gln	Cys		
		450					455				460						
Val	Glu	Asp	Ala	Thr	Gly	Lys	Leu	Lys	Leu	His	Lys	Cys	Lys	Gly	Pro		
465					470					475					480		
Met	Arg	Leu	Gly	Gly	Ser	Arg	Ala	Leu	Ser	Asn	Leu	Val	Pro	Lys	Tyr		
				485					490					495			
Tyr	Gly	Gln	Gly	Ser	Glu	Ala	Cys	Thr	Cys	Asp	Ser	Gly	Asp	Tyr	Lys		
			500					505					510				
Leu	Ser	Leu	Ala	Gly	Arg	Arg	Lys	Lys	Leu	Phe	Lys	Lys	Lys	Tyr	Lys		
		515					520					525					
Ala	Ser	Tyr	Val	Arg	Ser	Arg	Ser	Ile	Arg	Ser	Val	Ala	Ile	Glu	Val		
		530					535				540						
Asp	Gly	Arg	Val	Tyr	His	Val	Gly	Leu	Gly	Asp	Ala	Ala	Gln	Pro	Arg		
545					550					555					560		
Asn	Leu	Thr	Lys	Arg	His	Trp	Pro	Gly	Ala	Pro	Glu	Asp	Gln	Asp	Asp		
				565					570					575			
Lys	Asp	Gly	Gly	Asp	Phe	Ser	Gly	Thr	Gly	Gly	Leu	Pro	Asp	Tyr	Ser		
			580					585					590				
Ala	Ala	Asn	Pro	Ile	Lys	Val	Thr	His	Arg	Cys	Tyr	Ile	Leu	Glu	Asn		
		595					600					605					
Asp	Thr	Val	Gln	Cys	Asp	Leu	Asp	Leu	Tyr	Lys	Ser	Leu	Gln	Ala	Trp		
	610					615					620						
Lys	Asp	His	Lys	Leu	His	Ile	Asp	His	Glu	Ile	Glu	Thr	Leu	Gln	Asn		
625					630					635					640		
Lys	Ile	Lys	Asn	Leu	Arg	Glu	Val	Arg	Gly	His	Leu	Lys	Lys	Lys	Arg		
			645						650					655			
Pro	Glu	Glu	Cys	Asp	Cys	His	Lys	Ile	Ser	Tyr	His	Thr	Gln	His	Lys		
			660					665					670				
Gly	Arg	Leu	Lys	His	Arg	Gly	Ser	Ser	Leu	His	Pro	Phe	Arg	Lys	Gly		
		675					680					685					
Leu	Gln	Glu	Lys	Asp	Lys	Val	Trp	Leu	Leu	Arg	Glu	Gln	Lys	Arg	Lys		
		690					695				700						
Lys	Lys	Leu	Arg	Lys	Leu	Leu	Lys	Arg	Leu	Gln	Asn	Asn	Asp	Thr	Cys		
705					710					715					720		
Ser	Met	Pro	Gly	Leu	Thr	Cys	Phe	Thr	His	Asp	Asn	Gln	His	Trp	Gln		
				725					730					735			
Thr	Ala	Pro	Phe	Trp	Thr	Leu	Gly	Pro	Phe	Cys	Ala	Cys	Thr	Ser	Ala		
			740					745					750				
Asn	Asn	Asn	Thr	Tyr	Trp	Cys	Met	Arg	Thr	Ile	Asn	Glu	Thr	His	Asn		
		755					760					765					
Phe	Leu	Phe	Cys	Glu	Phe	Ala	Thr	Gly	Phe	Leu	Glu	Tyr	Phe	Asp	Leu		
		770					775				780						
Asn	Thr	Asp	Pro	Tyr	Gln	Leu	Met	Asn	Ala	Val	Asn	Thr	Leu	Asp	Arg		
785					790					795					800		
Asp	Val	Leu	Asn	Gln	Leu	His	Val	Gln	Leu	Met	Glu	Leu	Arg	Ser	Cys		



			805					810				815			
Lys	Gly	Tyr	Lys	Gln	Cys	Asn	Pro	Arg	Thr	Arg	Asn	Met	Asp	Leu	Gly
			820					825					830		
Leu	Lys	Asp	Gly	Gly	Ser	Tyr	Glu	Gln	Tyr	Arg	Gln	Phe	Gln	Arg	Arg
		835					840				845				
Lys	Trp	Pro	Glu	Met	Lys	Arg	Pro	Ser	Ser	Lys	Ser	Leu	Gly	Gln	Leu
	850					855					860				
Trp	Glu	Gly	Trp	Glu	Gly										
865					870										

<210> 7  
 <211> 3469  
 <212> DNA  
 <213> Mus musculus

<400> 7

cttcaccttg	agaagggtgaa	tttccctaaa	gacatgcagt	ttcttcaagc	cagaatcctt	60
gcagggaacc	ttcaaaggac	tccttctgca	gatgttttgg	aaacctctga	gtctagaaat	120
cgattattca	cccaggatac	cttattcaag	ctcccagaac	tcacccgacc	aaggagcttg	180
gaagactttg	caactttgga	ccaagcacia	tgaagtattc	cctctgggct	ctgctgcttc	240
ccctgctggg	cacacagctg	ctgggaaccc	tgtgttccac	cggtcgggtc	cagaggttcc	300
gaggaaggat	acagcaggaa	cgaaaaaaca	tccgacccaa	cattattcct	gtgcttaccg	360
atgatcaaga	tgtggagctg	gggtccctgc	aagtcatgaa	caaaacgaga	aagattatgg	420
aacatggggg	ggccaccttc	atcaatgcct	ttgtgactac	acccatgtgc	tgcccgtcac	480
ggtcctccat	gctcaccggg	aagtatgtgc	acaatcacia	tgtctacacc	aacaacgaga	540
actgctcttc	cccctcgtgg	caggccatgc	atgagcctcg	gacttttget	gtatatctta	600
acaacactgg	ctacagaaca	gccttttttg	gaaaatacct	caatgaatat	aatggcagct	660
acatcccccc	tgggtggcga	gaatggcttg	gattaatcaa	gaattctcgc	ttctataatt	720
acactgtttg	tcgcaatggc	atcaaagaaa	agcatggatt	tgattatgca	aaggactact	780
tcacagactt	aatcactaac	gagagcatta	attacttcaa	aatgtctaag	agaatgtatc	840
cccataggcc	cgttatgatg	gtgatcagcc	acgctgcgcc	ccacggcccc	gaggactcag	900
ccccacagtt	ttctaaactg	taccccaatg	cttcccaaca	cataactcct	agttataact	960
atgcacaaa	tatggataaa	cactggatta	tgcagtacac	aggaccaatg	ctgcccaccc	1020
acatggaatt	tacaaacatt	ctacagcgca	aaaggctcca	gactttgatg	tcagtggatg	1080
attctgtgga	gaggctgtat	aacatgctcg	tggagacggg	ggagctggag	aatacttaca	1140
tcattttacac	cgcgcaccat	ggttaccata	ttgggcagtt	tggactggtc	aaggggaaat	1200
ccatgccata	tgactttgat	attcgtgtgc	ctttttttat	tcgtgggtcca	agtgtagaac	1260
caggatcaat	agtccacacg	atcgttctca	acattgactt	ggccccacg	atcctggata	1320
ttgctgggct	cgacacacct	cctgatgtgg	acggcaagtc	tgtcctcaaa	cttctggacc	1380
cagaaaagcc	aggtaacagg	tttccaacaa	acaagaaggc	caaaatttgg	cgtgatacat	1440
tcctagtggg	aagaggcaaa	tttctacgta	agaaggaaga	atccagcaag	aatatccaac	1500
agtcaaatca	cttgcccaaa	tatgaacggg	tcaaagaact	atgccagcag	gccagggtacc	1560
agacagcctg	tgaacaaccg	gggcagaagt	ggcaatgcat	tgaggataca	tctggcaagc	1620
ttcgaattca	caagtgtaaa	ggacccagtg	acctgctcac	agtccggcag	agcacgcgga	1680
acctctacgc	tcgcggcttc	catgacaaa	acaaagagtg	cagttgtagg	gagtctgggt	1740
accgtgccag	cagaagccaa	agaaagagtc	aacggcaatt	cttgagaaac	caggggactc	1800
caaagtacaa	gccagatttt	gtccatactc	ggcagacacg	ttccttgtcc	gtcgaatttg	1860
aagggtgaaat	atatgacata	aatctggaag	aagaagaaga	attgcaagtg	ttgcaaccaa	1920
gaaacattgc	taagcgtcat	gatgaaggcc	acaaggggcc	aagagatctc	caggcttcca	1980
gtgggtggcaa	caggggcagg	atgctggcag	atagcagcaa	cgccgtgggc	ccacctacca	2040
ctgtccgagt	gacacacaag	tgtttttattc	ttcccaatga	ctctatccat	tgtgagagag	2100

aactgtacca	atcggccaga	gogtgggaagg	accataaggc	ctacattgat	aaagagattg	2160
aagttctaca	agataaaaatt	aagaatttaa	gggaagttag	gggacaccta	aagaaaagga	2220
aacctgagga	gtgtagctgt	ggtgaccaga	gctattacaa	caaagagaaa	ggtgtcaaac	2280
gacaggagaa	gctaaagagt	caccttcacc	ccttcaagga	ggctgctgcc	caggaggtgg	2340
atagcaaact	tcagctcttc	aaggagcatc	ggaggaggaa	gaaggagagg	aaggagaaga	2400
aacggcagag	gaagggagag	gagtgtagcc	tgcttggcct	tacctgcttc	acctatgaca	2460
acaaccactg	gcagactgcc	ccattctgga	acttgggatc	tttctgtgcc	tgacacaagt	2520
ctaacaacaa	tacctactgg	gtgtttgcgt	cagtcaacga	gacgcacaa	ttcctgtttt	2580
gtgagtttgc	tactggcttt	ctggaatatt	tcgacatgaa	tacggatcct	tatcagctca	2640
caaatacagt	acacacagta	gaacgaggca	ttttgaatca	gctacacgta	caactaatgg	2700
agctcagaag	ctgtcaagga	tataagcagt	gcaacccaag	acctaagaat	cttgatgttg	2760
gaaataaaga	tggaggaaac	tatgacccgc	acagaggaca	gttatgggat	ggatgggaag	2820
gttagtcttt	ccaatgttac	ttcagacacc	agctggcaag	gcctggagga	gttatccggg	2880
gcaagcgaca	tcgatgagta	caggtctaac	cctagactaa	gtctggagga	ctggactaac	2940
tacctgaggg	ctgtctacag	agcctttgca	ctgctgaaca	gtcacccctga	tccaaacaaa	3000
gcaaatggga	ctccaaccac	acaaggtggt	gacttcctgg	tcacctctgc	tgagcgcttg	3060
gtgccagcag	agatggcttc	tgacagaatca	ggtgaagacc	caagtcattgt	ggttggggaa	3120
acacctcctt	tgaccttgcc	agtcaacctc	caaacctgc	atctgaacag	accaacgtta	3180
agtcacagaga	gaaaaacttga	atgggataat	gacattccag	aagtgaatca	tttgaattct	3240
gaacactgga	gaaaaactga	gaagcagata	ggatgggagg	agctgcatca	tcctgaaggt	3300
gacgtcgtca	gtggcaatgg	tatgacagag	ctgctgcccc	agtctcatct	tgggcatcag	3360
ctcaccagtc	agcaccaaca	aaaatgttcc	caggatgtgg	agacagagaa	ggatgctttt	3420
gaagatcaat	tgctgcctct	tgtccactct	gacagaactc	cggttcattc		3469

<210> 8  
 <211> 2616  
 <212> DNA  
 <213> Mus musculus

<400> 8						
atgaagtatt	ccctctgggc	tctgctgctt	ccctgctggt	gcacacagct	gctgggaacc	60
ctgtgttcca	ccgttcgggtc	ccagagggttc	cgaggaagga	tacagcagga	acgaaaaaac	120
atccgaccca	acattattct	tgtgcttacc	gatgatcaag	atgtggagct	ggggctccctg	180
caagtcattga	acaaaacgag	aaagattatg	gaacatgggg	gggccacctt	catcaatgcc	240
tttgtgacta	cacctatgtg	ctgcccgtca	cggctctcca	tgetcaccgg	gaagtatgtg	300
cacaatcaca	atgtctacac	caacaacgag	aactgctctt	ccccctcgtg	gcaggccatg	360
catgagcctc	ggacttttgc	tgtatatctt	aacaacactg	gtacagaaac	agcctttttt	420
ggaaaatacc	tcaatgaata	taatggcagc	tacatcccc	ctgggtggcg	agaatggctt	480
ggattaatca	agaattctcg	cttctataat	tacactgttt	gtcgcaatgg	catcaaagaa	540
aagcatggat	ttgattatgc	aaaggactac	ttcacagact	taatcactaa	cgagagcatt	600
aattacttca	aaatgtctaa	gagaatgtat	ccccataggc	ccgttatgat	ggtgatcagc	660
cacgctgcgc	cccacggccc	cgaggactca	gccccacagt	tttctaaaact	gtaccccaat	720
gcttcccaac	acataactcc	tagttataac	tatgcaccaa	atatggataa	acactggatt	780
atgcagtaca	caggaccaat	gctgcccac	cacatgggaat	ttacaaacat	tctacagcgc	840
aaaaggctcc	agactttgat	gtcagtggtg	gattctgtgg	agaggctgta	taacatgctc	900
gtggagacgg	gggagctgga	gaatacttac	atcatttaca	ccgccgacca	tggttaccat	960
attgggcagt	ttggactggt	caaggggaaa	tcctatgccat	atgaacttga	tattcgtgtg	1020
ccttttttta	ttcgtggtcc	aagtgtagaa	ccaggatcaa	tagtcccaca	gategttctc	1080
aacattgact	tggccccccac	gatcctggat	attgctgggc	tcgacacacc	tcctgatgtg	1140
gacggcaagt	ctgtcctcaa	acttctggac	ccagaaaagc	caggtaacag	gtttcgaaca	1200
aacaagaagg	ccaaaatttg	gogtgatata	ttcctagtgg	aaagaggcaa	atttctacgt	1260

```

aagaaggaag aatccagcaa gaatatccaa cagtcaaadc acttgcccaa atatgaacgg 1320
gtcaaagaac tatgccagca ggccagggtac cagacagcct gtgaacaacc ggggcagaag 1380
tggcaatgca ttgaggatac atctggcaag cttcgaattc acaagtgtaa aggaccaggt 1440
gacctgctca cagtccggca gagcacgcgg aacctctacg ctgcgggctt ccatgacaaa 1500
gacaaagagt gcagttgtag ggagtctggt taccgtgcca gcagaagcca aagaaagagt 1560
caacggcaat tcttgagaaa ccaggggact ccaaagtaca agcccagatt tgtccatact 1620
cggcagacac gttccttgtc cgtcgaatth gaaggtgaaa tatatgacat aaatctggaa 1680
gaagaagaag aattgcaagt gttgcaacca agaaacattg ctaagcgtca tgatgaaggc 1740
cacaaggggc caagagatct ccaggcttcc agtgggtggc acaggggcag gatgctggca 1800
gatagcagca acgcccgtggg cccacctacc actgtccgag .tgacacacaa gtgttttatt 1860
cttcccaatg actctatcca ttgtgagaga gaactgtacc aatcggccag agcgtggaag 1920
gaccataagg cctacattga taaagagatt gaagttctac aagataaaat taagaattta 1980
agggaagtga ggggacacct aaagaaaagg aaacctgagg agtgtagctg tggtgaccag 2040
agctattaca acaaagagaa aggtgtcaaa cgacaggaga agctaaagag tcaccttcac 2100
cccttcaagg aggctgctgc ccaggagggtg gatagcaaac ttcagctctt caaggagcat 2160
cggaggagga agaaggagag gaaggagaag aaacggcaga ggaagggaga ggagtgtagc 2220
ctgcctggcc ttacctgctt caccatgac aacaaccact ggcagactgc cccattctgg 2280
aacttgggat ctttctgtgc ctgcacaagt tctaacaaca atacctactg ggtgttgctg 2340
acagtcaacg agacgcacaa tttcctgttt tgtgagtttg ctactggctt tctggaatat 2400
ttcgacatga atacggatcc ttatcagctc acaatacag tacacacagt agaacgaggc 2460
atthttgaatc agctacacgt acaactaatg gagctcagaa gctgtcaagg atataagcag 2520
tgcaacccaa gacctaagaa tcttgatgtt ggaaataaag atggaggaaa ctatgaccog 2580
cacagaggac agttatggga tggatgggaa ggtag 2616

```

<210> 9  
 <211> 232  
 <212> PRT  
 <213> Mus musculus

<400> 9

Met	Lys	Tyr	Ser	Leu	Trp	Ala	Leu	Leu	Leu	Pro	Leu	Leu	Gly	Thr	Gln
1				5				10					15		
Leu	Leu	Gly	Thr	Leu	Cys	Ser	Thr	Val	Arg	Ser	Gln	Arg	Phe	Arg	Gly
			20					25					30		
Arg	Ile	Gln	Gln	Glu	Ala	Trp	Lys	Asp	His	Lys	Ala	Tyr	Ile	Asp	Lys
			35				40					45			
Glu	Ile	Glu	Val	Leu	Gln	Asp	Lys	Ile	Lys	Asn	Leu	Arg	Glu	Val	Arg
			50				55				60				
Gly	His	Leu	Lys	Lys	Arg	Lys	Pro	Glu	Glu	Cys	Ser	Cys	Gly	Asp	Gln
65					70					75				80	
Ser	Tyr	Tyr	Asn	Lys	Glu	Lys	Gly	Val	Lys	Arg	Gln	Glu	Lys	Leu	Lys
			85					90					95		
Ser	His	Leu	His	Pro	Phe	Lys	Glu	Ala	Ala	Ala	Gln	Glu	Val	Asp	Ser
			100					105					110		
Lys	Leu	Gln	Leu	Phe	Lys	Glu	His	Arg	Arg	Arg	Lys	Lys	Glu	Arg	Lys
			115				120						125		
Glu	Lys	Lys	Arg	Gln	Arg	Lys	Gly	Glu	Glu	Cys	Ser	Leu	Pro	Gly	Leu
			130				135				140				
Thr	Cys	Phe	Thr	His	Asp	Asn	Asn	His	Trp	Gln	Thr	Ala	Pro	Phe	Trp
145					150					155				160	
Asn	Leu	Gly	Ser	Phe	Cys	Ala	Cys	Thr	Ser	Ser	Asn	Asn	Asn	Thr	Tyr



agtcacagtgc	gacttggacc	tgtacaagtc	cctgcagget	tggaaagacc	acaagctgca	2160
catcgaccat	gagatcgaaa	ccctgcagaa	caaaatttaag	aaccttcgag	aagtcagggg	2220
tcacctgaag	aagaagcgac	cggaagaatg	tgactgccat	aaaatcagtt	accacagcca	2280
acacaaaggc	cgtctcaagc	acaaaggctc	cagcctgcac	cctttcagga	agggtctgca	2340
ggagaaggac	aagggtgtggc	tgctgcggga	gcagaaacgc	aagaagaaac	tgcgcaagct	2400
gctcaaacgg	ctgcagaaca	acgatacgtg	cagcatgccc	ggcctcacgt	gctttaccca	2460
cgacaaccac	cactggcaga	cggcgcact	ctggacgtg	gggcggttct	gcgcctgcac	2520
cagcgccaac	aacaacacgt	actggtgctt	gaggaccata	aatgagaccc	acaacttcct	2580
cttctgcgaa	tttgcaaccg	gcttcataga	atactttgac	ctcagtacag	accttacca	2640
gctgatgaac	gcggtgaaca	cactggacag	ggacgtcctt	aaccaactgc	acgtgcagct	2700
catggagcta	aggagctgta	aaggctacaa	gcagtgcac	ccccggacc	gcaacatgga	2760
cctggggcct	agagacggag	gaagctatga	acaatacagg	cagtttcagc	gtcgaaaatg	2820
gccagaaatg	aagagacctt	cttccaaatc	actgggacag	ctatgggaag	gttgggaagg	2880
ctaagcggcc	atagagagag	gaacctccaa	aaccaggggc	ctcgtgtggc	tgcccaggcc	2940
atgcaaaaaa	caccgcattc	ccagaagatg	aatgttgga	ctgggagacc	tgacagaagg	3000
cagggctgct	cttgggacag	gaaatcctgg	aggacagcgc	ctggactttc	cgatgtcag	3060
tttctttgcc	ctgctttgct	ctggatcaaa	cctcactggc	tgctctggga	tgctgtctca	3120
cacctggagt	ctctgctcac	cctttcagag	gctcacaaag	acaaaggaac	taatttccat	3180
ggacacttcc	tccagagatg	gaaattgctg	ggattcgccc	actcctcccc	tgacccctc	3240
ccccactcat	ctagggaagc	aagcttgttt	taaccttctt	actctttgga	gaaagcacgg	3300
acatcccagg	tgctgtcaac	ctcacagtct	tgacaaagtc	tatagcaca	aacagtacca	3360
ttcaccaggc	tggttgacct	ggctggctca	gaagctgcct	tcaccacata	catgaccgct	3420
caacgtaac	caacacaggg	aattgtaggg	gaatctcact	aatatgaaat	ccgcgttttc	3480
aagagtgcgc	gtgtcaataa	acgctgtggc	taggatcaag	gataatccct	tgagctttca	3540
gacatttatt	cctgccgggy	attcgttcct	ttgttatcca	tcccagaact	gatgtttttc	3600
taagggtaccg	aaaccccaag	ttgatgtgtg	tcctgtgttt	taatgacatt	gtatttgtaa	3660
agttttgtag	tataagtacc	atcttacagt	gttcctgccc	ccagccaatg	tctagctatt	3720
ggtatgaaaa	aaaaaaatct	ttgaattttt	gtaaaaaaa	aaaaaa		3766

```
<210> 11
<211> 2628
<212> DNA
<213> Mus musculus
```

<400> 11							
atggcacccc	ctggcctgcc	actatggctg	ctgtccaccg	ctctcctctc	cctgctggct		60
ggcagctcgg	ccttcctctc	ccatccccgc	ctgaagggac	gcttcagag	ggaccgcagg		120
aacatccggc	ccaacatcat	cttggtgctt	acggatgacc	aggatgtgga	gctgggctcc		180
atgcaagtga	tgaacaagac	aaggcgtatc	atggagcagg	gcggggcgca	cttcatcaat		240
gccttcgtga	ctacaccaat	gtgctgtccg	tctcgtcct	ccattctcac	cggcaagtac		300
gtccacaacc	acaacaccta	caccaacaat	gagaattggt	cctcgccctc	ctggcaggcc		360
cagcacgaga	gccgcacctt	cgcctgtat	ctcaacagca	caggctaccg	gacagctttc		420
ttcgaaaaat	acctcaatga	gtacaacggc	tcatacgtgc	cgcgcggctg	gaaggagtgg		480
gtcggcctac	ttaagaactc	cgccttttat	aactacacac	tctgcgggaa	tggggtgaag		540
gagaaacatg	gctcagacta	ctccacggat	tacctcacgg	atctcatcac	caatgacagt		600
gtgagcttct	tccgaacatc	caagaagatg	taccacaca	ggcccgctgct	catggtcatc		660
agccacgcgg	ctccccacgg	ccccgaggac	tggcacccgc	agtactcacg	gctcttcccc		720
aatgcgtccc	agcacatcac	accgagttac	aactatgcac	ccaaccaga	caagcattgg		780
atcatgcgct	acacgggacc	catgaagccc	attcacatgg	aattcaccaa	catgctacaa		840
cgaaacgcc	tacagaccct	catgtctgtg	gatgactcca	tggagacgat	ctatgacatg		900
ctggtggaga	cgggggagct	ggacaacacg	tacatcctgt	acaccgccga	ccacggctac		960

```

cacattggcc agtttgggct ggtgaagggc aagtctatgc cgtatgaatt cgacatcaga 1020
gtcccgttct acgtgagggg ccccaacgtg gaagctggct ctctgaaccc ccacattgtc 1080
ctcaacattg acctggcccc caccatactg gatatcgctg gactggacat ccctgcagac 1140
atggacggga agtctattct caaactactg gactcagagc ggccagtga cccgttccac 1200
ttgaaaaaga agctgagggg ctggcgagac tccttcctgg tggagagagg caaactgctc 1260
cacaagaggg agggtgacaa agtgaatgcc caggaggaga acttcctgcc caagtaccag 1320
cgcgatgaagg acctgtgtca gcgagctgag taccagacag catgcgaaca gctggggcag 1380
aagtggcagt gtgtggagga cgcttctggg acgctgaagc tgcacaaatg taaaggcccc 1440
atgcggtttg gtggcgagg tggcagcaga gccctctcca acctggtgcc caagtatgac 1500
ggccagagca gcgaggcctg cagctgtgac agtggcggtg gaggggacta caaactgggc 1560
ctggctggac gccgtaaagt ctttaagaaa aagtataaga ccagctatgc ccggaaccgc 1620
tccatccgtt ccgtggccat cgaggtggac ggtgagatat accacgtagg cttggatact 1680
gtgcctcagc cccgcaacct tagcaagccg cactggccag gggcccctga agaccaagat 1740
gacaaggatg gtggcagttt cagtgttact ggtggccttc cagattattc tgcccccatt 1800
cccatcaaag tgacctatcg gtgtacatc cttgagaatg acacagtcca gtgcgacttg 1860
gacctgtaca agtccctgca ggcttggaag gaccacaagc tgcacatcga ccatgagatc 1920
gaaaccctgc agaacaaaat taagaacctt cgagaagtca ggggtcacct gaagaagaag 1980
cgaccggaag aatgtgactg ccataaaatc agttaccaca gccaacacaa aggccgtctc 2040
aagcacaagg gctccagcct gcaccctttc aggaaggggtc tgcaggagaa ggacaagggtg 2100
tggctgctgc gggagcagaa acgcaagaag aaactgcgca agctgctcaa acggctgcag 2160
aacaacgata cgtgcagcat gccgggcctc acgtgcttta ccacgacaa ccaccactgg 2220
cagacggcgc cactctggac gctggggccg ttctgcgcct gcaccagcgc caacaacaac 2280
acgtactggt gcttgaggac cataaatgag acccacaact tcctcttctg cgaatttgca 2340
accggcttca tagaatactt tgacctcagt acagaccctc accagctgat gaacgcgggtg 2400
aacacactgg acagggacgt ccttaaccaa ctgcacgtgc agctcatgga gctaaggagc 2460
tgtaaaggct acaagcagtg caacccccgg acccgcaaca tggacctggg gcttagagac 2520
ggaggaagct atgaacaata caggcagttt cagcgtcgaa aatggccaga aatgaagaga 2580
ccttcttcca aatcactggg acagctatgg gaaggttggg aaggctaa 2628

```

<210> 12  
 <211> 875  
 <212> PRT  
 <213> Mus musculus

<400> 12

Met	Ala	Pro	Pro	Gly	Leu	Pro	Leu	Trp	Leu	Leu	Ser	Thr	Ala	Leu	Leu
1				5				10						15	
Ser	Leu	Leu	Ala	Gly	Ser	Ser	Ala	Phe	Leu	Ser	His	Pro	Arg	Leu	Lys
			20					25					30		
Gly	Arg	Phe	Gln	Arg	Asp	Arg	Arg	Asn	Ile	Arg	Pro	Asn	Ile	Ile	Leu
		35					40					45			
Val	Leu	Thr	Asp	Asp	Gln	Asp	Val	Glu	Leu	Gly	Ser	Met	Gln	Val	Met
		50				55					60				
Asn	Lys	Thr	Arg	Arg	Ile	Met	Glu	Gln	Gly	Gly	Ala	His	Phe	Ile	Asn
65					70				75					80	
Ala	Phe	Val	Thr	Thr	Pro	Met	Cys	Cys	Pro	Ser	Arg	Ser	Ser	Ile	Leu
				85					90					95	
Thr	Gly	Lys	Tyr	Val	His	Asn	His	Asn	Thr	Tyr	Thr	Asn	Asn	Glu	Asn
			100					105					110		
Cys	Ser	Ser	Pro	Ser	Trp	Gln	Ala	Gln	His	Glu	Ser	Arg	Thr	Phe	Ala
		115					120						125		

Val	Tyr	Leu	Asn	Ser	Thr	Gly	Tyr	Arg	Thr	Ala	Phe	Phe	Gly	Lys	Tyr		
130						135					140						
Leu	Asn	Glu	Tyr	Asn	Gly	Ser	Tyr	Val	Pro	Pro	Gly	Trp	Lys	Glu	Trp		
145					150					155					160		
Val	Gly	Leu	Leu	Lys	Asn	Ser	Arg	Phe	Tyr	Asn	Tyr	Thr	Leu	Cys	Arg		
				165					170					175			
Asn	Gly	Val	Lys	Glu	Lys	His	Gly	Ser	Asp	Tyr	Ser	Thr	Asp	Tyr	Leu		
			180					185					190				
Thr	Asp	Leu	Ile	Thr	Asn	Asp	Ser	Val	Ser	Phe	Phe	Arg	Thr	Ser	Lys		
	195						200					205					
Lys	Met	Tyr	Pro	His	Arg	Pro	Val	Leu	Met	Val	Ile	Ser	His	Ala	Ala		
	210					215					220						
Pro	His	Gly	Pro	Glu	Asp	Ser	Ala	Pro	Gln	Tyr	Ser	Arg	Leu	Phe	Pro		
225					230					235					240		
Asn	Ala	Ser	Gln	His	Ile	Thr	Pro	Ser	Tyr	Asn	Tyr	Ala	Pro	Asn	Pro		
				245					250					255			
Asp	Lys	His	Trp	Ile	Met	Arg	Tyr	Thr	Gly	Pro	Met	Lys	Pro	Ile	His		
		260					265						270				
Met	Glu	Phe	Thr	Asn	Met	Leu	Gln	Arg	Lys	Arg	Leu	Gln	Thr	Leu	Met		
		275					280					285					
Ser	Val	Asp	Asp	Ser	Met	Glu	Thr	Ile	Tyr	Asp	Met	Leu	Val	Glu	Thr		
	290					295					300						
Gly	Glu	Leu	Asp	Asn	Thr	Tyr	Ile	Leu	Tyr	Thr	Ala	Asp	His	Gly	Tyr		
305					310					315					320		
His	Ile	Gly	Gln	Phe	Gly	Leu	Val	Lys	Gly	Lys	Ser	Met	Pro	Tyr	Glu		
			325						330					335			
Phe	Asp	Ile	Arg	Val	Pro	Phe	Tyr	Val	Arg	Gly	Pro	Asn	Val	Glu	Ala		
		340						345					350				
Gly	Ser	Leu	Asn	Pro	His	Ile	Val	Leu	Asn	Ile	Asp	Leu	Ala	Pro	Thr		
	355						360					365					
Ile	Leu	Asp	Ile	Ala	Gly	Leu	Asp	Ile	Pro	Ala	Asp	Met	Asp	Gly	Lys		
	370					375					380						
Ser	Ile	Leu	Lys	Leu	Leu	Asp	Ser	Glu	Arg	Pro	Val	Asn	Arg	Phe	His		
385					390					395					400		
Leu	Lys	Lys	Lys	Leu	Arg	Val	Trp	Arg	Asp	Ser	Phe	Leu	Val	Glu	Arg		
			405						410					415			
Gly	Lys	Leu	Leu	His	Lys	Arg	Glu	Gly	Asp	Lys	Val	Asn	Ala	Gln	Glu		
		420						425					430				
Glu	Asn	Phe	Leu	Pro	Lys	Tyr	Gln	Arg	Val	Lys	Asp	Leu	Cys	Gln	Arg		
	435						440					445					
Ala	Glu	Tyr	Gln	Thr	Ala	Cys	Glu	Gln	Leu	Gly	Gln	Lys	Trp	Gln	Cys		
	450					455					460						
Val	Glu	Asp	Ala	Ser	Gly	Thr	Leu	Lys	Leu	His	Lys	Cys	Lys	Gly	Pro		
465					470					475					480		
Met	Arg	Phe	Gly	Gly	Gly	Gly	Gly	Ser	Arg	Ala	Leu	Ser	Asn	Leu	Val		
			485					490						495			
Pro	Lys	Tyr	Asp	Gly	Gln	Ser	Ser	Glu	Ala	Cys	Ser	Cys	Asp	Ser	Gly		
		500						505					510				
Gly	Gly	Gly	Asp	Tyr	Lys	Leu	Gly	Leu	Ala	Gly	Arg	Arg	Lys	Leu	Phe		
	515						520					525					
Lys	Lys	Lys	Tyr	Lys	Thr	Ser	Tyr	Ala	Arg	Asn	Arg	Ser	Ile	Arg	Ser		

530	Val	Ala	Ile	Glu	Val	Asp	Gly	Glu	Ile	Tyr	His	Val	Gly	Leu	Asp	Thr
545					550						555					560
Val	Pro	Gln	Pro	Arg	Asn	Leu	Ser	Lys	Pro	His	Trp	Pro	Gly	Ala	Pro	
				565					570						575	
Glu	Asp	Gln	Asp	Asp	Lys	Asp	Gly	Gly	Ser	Phe	Ser	Gly	Thr	Gly	Gly	
			580					585					590			
Leu	Pro	Asp	Tyr	Ser	Ala	Pro	Asn	Pro	Ile	Lys	Val	Thr	His	Arg	Cys	
		595					600					605				
Tyr	Ile	Leu	Glu	Asn	Asp	Thr	Val	Gln	Cys	Asp	Leu	Asp	Leu	Tyr	Lys	
	610					615					620					
Ser	Leu	Gln	Ala	Trp	Lys	Asp	His	Lys	Leu	His	Ile	Asp	His	Glu	Ile	
625					630					635					640	
Glu	Thr	Leu	Gln	Asn	Lys	Ile	Lys	Asn	Leu	Arg	Glu	Val	Arg	Gly	His	
				645				650						655		
Leu	Lys	Lys	Lys	Arg	Pro	Glu	Glu	Cys	Asp	Cys	His	Lys	Ile	Ser	Tyr	
			660					665					670			
His	Ser	Gln	His	Lys	Gly	Arg	Leu	Lys	His	Lys	Gly	Ser	Ser	Leu	His	
	675					680					685					
Pro	Phe	Arg	Lys	Gly	Leu	Gln	Glu	Lys	Asp	Lys	Val	Trp	Leu	Leu	Arg	
	690					695					700					
Glu	Gln	Lys	Arg	Lys	Lys	Lys	Leu	Arg	Lys	Leu	Leu	Lys	Arg	Leu	Gln	
705					710					715					720	
Asn	Asn	Asp	Thr	Cys	Ser	Met	Pro	Gly	Leu	Thr	Cys	Phe	Thr	His	Asp	
				725				730						735		
Asn	His	His	Trp	Gln	Thr	Ala	Pro	Leu	Trp	Thr	Leu	Gly	Pro	Phe	Cys	
			740					745					750			
Ala	Cys	Thr	Ser	Ala	Asn	Asn	Asn	Thr	Tyr	Trp	Cys	Leu	Arg	Thr	Ile	
	755					760					765					
Asn	Glu	Thr	His	Asn	Phe	Leu	Phe	Cys	Glu	Phe	Ala	Thr	Gly	Phe	Ile	
	770					775					780					
Glu	Tyr	Phe	Asp	Leu	Ser	Thr	Asp	Pro	Tyr	Gln	Leu	Met	Asn	Ala	Val	
785					790					795					800	
Asn	Thr	Leu	Asp	Arg	Asp	Val	Leu	Asn	Gln	Leu	His	Val	Gln	Leu	Met	
				805					810					815		
Glu	Leu	Arg	Ser	Cys	Lys	Gly	Tyr	Lys	Gln	Cys	Asn	Pro	Arg	Thr	Arg	
			820					825					830			
Asn	Met	Asp	Leu	Gly	Leu	Arg	Asp	Gly	Gly	Ser	Tyr	Glu	Gln	Tyr	Arg	
	835						840					845				
Gln	Phe	Gln	Arg	Arg	Lys	Trp	Pro	Glu	Met	Lys	Arg	Pro	Ser	Ser	Lys	
	850					855					860					
Ser	Leu	Gly	Gln	Leu	Trp	Glu	Gly	Trp	Glu	Gly						
865					870				875							

<210> 13  
 <211> 4286  
 <212> DNA  
 <213> Homo sapiens

<400> 13  
 ggcacgaggg ccattttctgg acaacagctg ctattttcac ttgagcccaa gttaatttct



cggggagttc	tcgggcggcg	acaggcagct	cggttttgcc	tgcgattgag	ctgcgggtcg	120
cggccggcgc	cggcctctcc	aatggcaaat	gtgtgtggct	ggaggcgagc	gcgaggcttt	180
cggcaaaggc	agtcgagtg	ttgcagaccg	gggcgagtc	tgtgaaagca	gataaaagaa	240
aacattttatt	aacgtgtcat	tacgagggga	gcgcccggcc	ggggctgtcg	cactccccgc	300
ggaacatttg	gtccctcca	gtcctagag	aggagaagaa	gaaagcggaa	aagaggcaga	360
ttcacgtcgt	ttccagccaa	gtggacctga	togatggccc	tccgaattt	atcacgatat	420
ttgattttatt	agcgatgccc	cctggtttgt	gtgttacgca	cacacacgtg	cacacaaggc	480
tctggctcgc	ttccctccct	cgtttccagc	tccggggcga	atcccacatc	tgtttcaact	540
ctccgccgag	ggcgagcagg	agcgagagtg	tgtcgaatct	gcgagtgaag	agggacgagg	600
gaaaagaaac	aaagccacag	acgcaacttg	agactcccgc	atcccaaaaag	aagcaccaga	660
tcagcaaaaa	aagaagatgg	gccccccgag	cctcgtgctg	tgcttgctgt	ccgcaactgt	720
gttctccctg	ctgggtggaa	gtcgggcctt	cctgtcgcac	caccgcctga	aaggcaggtt	780
tcagagggac	cgcaggaaca	tccgccccaa	catcatcctg	gtgctgacgg	acgaccagga	840
tgtggagctg	ggttccatgc	aggtgatgaa	caagacccgg	cgcacatcgg	agcagggcgg	900
ggcgcacttc	atcaacgcct	tcttgaccac	acccatgtgc	tgcctctcac	gtcctccat	960
cctcaccggc	aagtacgtcc	acaaccacaa	cacctacacc	aacaatgaga	actgctctct	1020
gccctcctgg	caggcacagc	acgagagccg	cacctttgcc	gtgtacctca	atagcactgg	1080
ctaccggaca	gctttcttcg	ggaagtatct	taatgaatac	aacggctcct	acgtgccacc	1140
cggctggaag	gagtgggctg	gactccttaa	aaactcccgc	ttttataact	acacgctgtg	1200
tcggaacggg	gtgaaagaga	agcacggctc	cgactactcc	aaggattacc	tcacagacct	1260
catcaccaat	gacagcgtga	gcttcttcg	cacgtccaag	aagatgtacc	cgcacaggcc	1320
agtcctcatg	gtcatcagcc	atgcagcccc	ccacggccct	gaggattcag	ccccacaata	1380
ttcacgcctc	ttcccaaacg	catctcagca	catcacgccg	agctacaact	acgcgcccaa	1440
cccgacaaa	cactggatca	tgcgctacac	ggggcccatg	aagcccatcc	acatggaatt	1500
caccaacatg	ctccagcggg	agcgcttgca	gaccctcatg	tcggtggacg	actccatgga	1560
gacgatttac	aacatgctgg	ttgagacggg	cgagctggac	aacacgtaca	tcgtatacac	1620
cgcgcaccac	ggttaccaca	tcggccagtt	tggcctggtg	aaagggaaat	ccatgccata	1680
tgagtttgac	atcagggctc	cgttctacgt	gaggggcccc	aacgtggaag	ccggctgtct	1740
gaatccccac	atcgctctca	acattgacct	ggccccacc	atcctggaca	ttgcaggcct	1800
ggacatacct	gcggatatgg	acgggaaatc	catcctcaag	ctgctggaca	cggagcggcc	1860
ggtgaatcgg	tttcaactga	aaaagaagat	gagggctctg	cgggactcct	tcttggtgga	1920
gagaggcaag	ctgctacaca	agagagacaa	tgacaagggtg	gacgcccagg	aggagaactt	1980
tctgccccag	taccagcgtg	tgaaggacct	gtgtcagcgt	gctgagtacc	agacggcgtg	2040
tgagcagctg	ggacagaagt	ggcagtggtg	ggaggacgcc	acggggaagc	tgaagctgca	2100
taagtgcaag	ggccccatgc	ggctggggcg	cagcagagcc	ctctccaacc	tcgtgccccaa	2160
gtactacggg	cagggcagcg	aggcctgcac	ctgtgacagc	ggggactaca	agctcagcct	2220
ggccggacgc	cggaaaaaac	tcttcaagaa	gaagtacaag	gccagctatg	tccgcagtcg	2280
ctccatccgc	tcagtggcca	tcgaggtgga	cggcaggggtg	taccacgtag	gcctgggtga	2340
tgccgcccag	ccccgaaacc	tcaccaagcg	gcactggcca	ggggccccctg	aggaccaaga	2400
tgacaaggat	ggtggggact	tcagtggcac	tggaggcctt	cccgactact	cagccgccaa	2460
ccccattaaa	gtgacacatc	ggtgctacat	cctagagaac	gacacagtcc	agtgtgacct	2520
ggacctgtac	aagtccctgc	aggcctggaa	agaccacaag	ctgcacatcg	accacgagat	2580
tgaaccctg	cagaacaaaa	ttaagaacct	gaggggaagtc	cgaggtcacc	tgaagaaaaa	2640
gcggccagaa	gaatgtgact	gtcacaaaat	cagctaccac	acccagcaca	aaggccgcct	2700
caagcacaga	ggctccagtc	tgcacccctt	caggaagggc	ctgcaagaga	aggacaaggt	2760
gtggctgttg	cgggagcaga	agcgcaagaa	gaaactccgc	aagctgctca	agcgcctgca	2820
gaacaacgac	acgtgcagca	tgccaggcct	cacgtgcttc	acccacgaca	accagcactg	2880
gcagacggcg	cctttctgga	cactggggcc	tttctgtgcc	tgcaccagcg	ccaacaataa	2940
cacgtactgg	tgcatgagga	ccatcaatga	gactcacaat	ttcctcttct	gtgaatttgc	3000
aactggcttc	ctagagtact	ttgatctcaa	cacagacccc	taccagctga	tgaatgcagt	3060
gaacacactg	gacagggatg	tcctcaacca	gctacacgta	cagctcatgg	agctgaggag	3120

ctgcaagggg	tacaagcagt	gtaacccccg	gactcgaaac	atggacctgg	gacttaaaga	3180
tgagggaagc	tatgagcaat	acaggcagtt	tcagcgtcga	aagtggccag	aatgaagag	3240
accttcttcc	aatcactgg	gacaactgtg	ggaaggctgg	gaagggttaag	aaacaacaga	3300
gggtggacctc	caaaaacata	gaggcatcac	ctgactgcac	aggcaatgaa	aaaccatgtg	3360
gggtgatttcc	agcagacctg	tgctattggc	caggaggcct	gagaaagcaa	gcacgcactc	3420
tcagtcaaca	tgacagattc	tggaggataa	ccagcaggag	cagagataac	ttcaggaagt	3480
ccattttttgc	ccttgctttt	gctttggatt	atacctcacc	agctgcacaa	aatgcatttt	3540
ttcgtatcaa	aaagtcacca	ctaaccctcc	cccagaagct	cacaaaggaa	aacggagaga	3600
gcgagcgaga	gagatttcct	tggaaatttc	tcccaagggc	gaaagtcatt	ggaattttta	3660
aatcataggg	gaaaagcagt	cctgtttctaa	atcctcttat	tcttttggtt	tgtcacaaag	3720
aaggaactaa	gaagcaggac	agaggcaacg	tggagaggct	gaaaacagtg	cagagacggt	3780
tgacaatgag	tcagtagcac	aaaagagatg	acatttacct	agcatataaa	ccctggttgc	3840
ctctgaagaa	actgccttca	ttgtatatat	gtgactattt	acatgtaatc	aacatgggaa	3900
cttttagggg	aacctaataa	gaaatcccaa	ttttcaggag	tggtggtgtc	aataaacgct	3960
ctgtggccag	tgtaaaagaa	aaaaaaaaaa	aattgtggac	atttctgttc	ctgtccagat	4020
accattttctc	ctagtatttc	tttgttatgt	cccagaactg	atgttttttt	tttaagggtac	4080
tgaagagaaa	tgaagttgat	gtatgtccca	agttttgatg	aaactgtatt	tgtaaaaaaaa	4140
attttgtagt	ttaagtattg	tcatacagtg	ttcaaaaccc	cagccaatga	ccagcagttg	4200
gtatgaagaa	cctttgacat	tttgtaaaag	gccatttctt	ggggaaaaaa	aaaaaaaaaa	4260
aaaaaaaaaa	aaaaaaaaaa	aaaaaa				4286

<210> 14  
 <211> 3289  
 <212> DNA  
 <213> Homo sapiens

<400> 14						
ggcacgaggg	ccattttctgg	acaacagctg	ctattttcac	ttgagcccaa	gttaattttct	60
cggggagttc	tcgggcgcgc	acaggcagct	cggtttgcgc	tgcgattgag	ctgcgggtcg	120
cggccggcgc	cggcctctcc	aatggcaaat	gtgtgtggct	ggaggcgagc	gcgaggcttt	180
cggcaaaggc	agtcgagtg	ttgcagaccg	gggcgagtc	tgtgaaagca	gataaaagaa	240
aacattttatt	aacgtgtcat	tacgagggga	gcgcccgcc	ggggctgtcg	cactccccgc	300
ggaacatttg	gtccctcca	gtccctagag	aggagaagaa	gaaagcggaa	aagaggcaga	360
ttcacgtcgt	ttccagccaa	gtggacctga	tcgatggccc	tctgaattt	atcacgatat	420
ttgattttatt	agcgatgcc	cctggtttgt	gtgttacgca	cacacacgtg	cacacaaggc	480
tctggctcgc	ttccctccct	cgtttccagc	tctgggcga	atcccacatc	tgtttcaact	540
ctccgccgag	ggcgagcagg	agcgagagtg	tgtcgaatct	gcgagtgaag	agggacgagg	600
gaaaagaaac	aaagccacag	acgcaacttg	agactccgc	atcccaaaag	aagcaccaga	660
tcagcaaaaa	aagaagatgg	gccccccgag	cctcgtgtcg	tgettgtgtg	ccgcaactgt	720
gttctccctg	ctgggtggaa	gtcgggcctt	cctgtcgac	caccgcctga	aaggcaggtt	780
tcagagggac	cgcaggaaca	tccgccccaa	catcatcctg	gtgctgacgg	acgaccagga	840
tgtggagctg	ggttccatgc	aggtgatgaa	caagacccgg	cgcacatgg	agcagggcgg	900
ggcgcacttc	atcaacgcct	togtgaccac	acccatgtgc	tgccctcac	gctcctccat	960
cctcaccggc	aagtacgtcc	acaaccacaa	cacctacacc	aacaatgaga	actgctcctc	1020
gcctcctctg	caggcacagc	acgagagccg	cacctttgcc	gtgtacctca	atagcactgg	1080
ctaccggaca	gctttcttcg	ggaagtatct	taatgaatac	aacggctcct	acgtgccacc	1140
cggctggaag	gagtgggtcg	gactccttaa	aaactccgc	ttttataact	acacgctgtg	1200
tcggaacggg	gtgaaagaga	agcacggctc	cgactactcc	aaggattacc	tcacagacct	1260
catcaccaat	gacagcgtga	gcttcttccg	cagtcctaag	aagatgtacc	cgcacaggcc	1320
agtcctcatg	gtcatcagcc	atgcagcccc	ccacggccct	gaggattcag	ccccacaata	1380
ttcacgcctc	ttcccaaacg	catctcagca	catcacgccg	agctacaact	acgcgcccaa	1440

```

ccccgacaaa cactggatca tgcgctacac ggggcccatg aagcccatcc acatggaatt 1500
caccaacatg ctccagcgga agcgcttgca gaccctcatg tcggtggacg actccatgga 1560
gacgatttac aacatgctgg ttgagacggg cgagctggac aacacgtaca tcgtatacac 1620
cgccgaccac ggttaccaca tcggccagtt tggcctggtg aaaggggaaat ccatgccata 1680
tgagtttgac atcaggggtcc cgtttctacgt gagggggcccc aacgtggaag ccggctgtct 1740
gaatccccac atcgtcctca acattgacct ggccccccacc atcctggaca ttgcaggcct 1800
ggacatacct gcggatatgg acgggaaatc catcctcaag ctgctggaca cggagcggcc 1860
ggtgaatcgg ttctcacttg aaaagaagat gagggctctg cgggactcct tcttggtgga 1920
gagaggcaag ctgctacaca agagagacaa tgacaagggtg gacgcccagg aggagaactt 1980
tctgccccaa taccagcgtg tgaaggacct gtgtcagcgt gctgagtacc agacggcgtg 2040
tgagcagctg ggacagaagt ggcagtgtgt ggaggacgcc acgggggaagc tgaagctgca 2100
taagtgaag ggccccatgc ggcctgggagg cagcagagcc ctctccaacc tcgtgcccac 2160
gtactacggg cagggcagcg aggcctgcac ctgtgacagc ggggactaca agctcagcct 2220
ggccggacgc cggaaaaaac tcttcaagaa gaagtacaag gccagctatg tccgcagctg 2280
ctccatccgc tcagtggcca tcgaggtgga cggcaggtg taccacgtag gcctgggtga 2340
tgccgcccag ccccgaaacc tcaccaagcg gcactggcca gggggccctg aggaccaaga 2400
tgacaaggat ggtgggggact tcagtggcac tggaggcctt cccgactact cagccgccaa 2460
ccccattaaa gtgacacatc ggtgctacat cctagagaac gacacagtcc agtgtgacct 2520
ggacctgtac aagtccctgc aggcctggaa agaccacaag ctgcacatcg accacgagat 2580
tgaaaccctg cagaacaaaa ttaagaacct gagggaagtc cgaggtcacc tgaagaaaaa 2640
gcggccagaa gaatgtgact gtcacaaaat cagctaccac acccagcaca aaggccgcct 2700
caagcacaga ggctccagtc tgcatacttt caggaagggc ctgcaagaga aggacaaggt 2760
gtggctgttg cgggagcaga agcgcaagaa gaaactcgc aagctgctca agcgccctgca 2820
gaacaacgac acgtgcagca tgccaggcct cactgtcttc acccagcaca accagcactg 2880
gcagacggcg cttttctgga cactggggcc tttctgtgcc tgcaccagcg ccaacaataa 2940
cacgtactgg tgcattgagg ccatcaatga gactcacaat ttctcttct gtgaatttgc 3000
aactggcttc ctgaggtact ttgatctcaa cacagacccc taccagctga tgaatgcagt 3060
gaacacactg gacagggatg tcctcaacca gctacacgta cagctcatgg agctgaggag 3120
ctgcaaggtt tacaagcagt gtaacccccg gactcgaaac atggacctgg gacttaaga 3180
tgagggaagc tatgagcaat acaggcagtt tcagcgtcga aagtggccag aaatgaagag 3240
accttcttcc aaatcactgg gacaactgtg ggaaggctgg gaaggttaa 3289

```

```

<210> 15
<211> 870
<212> PRT
<213> Homo sapiens

```

```

<400> 15
Met Gly Pro Pro Ser Leu Val Leu Cys Leu Leu Ser Ala Thr Val Phe
 1          5          10          15
Ser Leu Leu Gly Gly Ser Ser Ala Phe Leu Ser His His Arg Leu Lys
          20          25          30
Gly Arg Phe Gln Arg Asp Arg Arg Asn Ile Arg Pro Asn Ile Ile Leu
          35          40          45
Val Leu Thr Asp Asp Gln Asp Val Glu Leu Gly Ser Met Gln Val Met
          50          55          60
Asn Lys Thr Arg Arg Ile Met Glu Gln Gly Gly Ala His Phe Ile Asn
65          70          75          80
Ala Phe Val Thr Thr Pro Met Cys Cys Pro Ser Arg Ser Ser Ile Leu
          85          90          95
Thr Gly Lys Tyr Val His Asn His Asn Thr Tyr Thr Asn Asn Glu Asn

```

			100					105				110			
Cys	Ser	Ser	Pro	Ser	Trp	Gln	Ala	Gln	His	Glu	Ser	Arg	Thr	Phe	Ala
		115					120					125			
Val	Tyr	Leu	Asn	Ser	Thr	Gly	Tyr	Arg	Thr	Ala	Phe	Phe	Gly	Lys	Tyr
	130					135					140				
Leu	Asn	Glu	Tyr	Asn	Gly	Ser	Tyr	Val	Pro	Pro	Gly	Trp	Lys	Glu	Trp
145					150					155					160
Val	Gly	Leu	Leu	Lys	Asn	Ser	Arg	Phe	Tyr	Asn	Tyr	Thr	Leu	Cys	Arg
				165					170						175
Asn	Gly	Val	Lys	Glu	Lys	His	Gly	Ser	Asp	Tyr	Ser	Lys	Asp	Tyr	Leu
			180						185				190		
Thr	Asp	Leu	Ile	Thr	Asn	Asp	Ser	Val	Ser	Phe	Phe	Arg	Thr	Ser	Lys
		195						200				205			
Lys	Met	Tyr	Pro	His	Arg	Pro	Val	Leu	Met	Val	Ile	Ser	His	Ala	Ala
	210					215					220				
Pro	His	Gly	Pro	Glu	Asp	Ser	Ala	Pro	Gln	Tyr	Ser	Arg	Leu	Phe	Pro
225					230					235					240
Asn	Ala	Ser	Gln	His	Ile	Thr	Pro	Ser	Tyr	Asn	Tyr	Ala	Pro	Asn	Pro
				245						250					255
Asp	Lys	His	Trp	Ile	Met	Arg	Tyr	Thr	Gly	Pro	Met	Lys	Pro	Ile	His
			260						265				270		
Met	Glu	Phe	Thr	Asn	Met	Leu	Gln	Arg	Lys	Arg	Leu	Gln	Thr	Leu	Met
		275					280					285			
Ser	Val	Asp	Asp	Ser	Met	Glu	Thr	Ile	Tyr	Asn	Met	Leu	Val	Glu	Thr
	290					295					300				
Gly	Glu	Leu	Asp	Asn	Thr	Tyr	Ile	Val	Tyr	Thr	Ala	Asp	His	Gly	Tyr
305					310						315				320
His	Ile	Gly	Gln	Phe	Gly	Leu	Val	Lys	Gly	Lys	Ser	Met	Pro	Tyr	Glu
				325						330					335
Phe	Asp	Ile	Arg	Val	Pro	Phe	Tyr	Val	Arg	Gly	Pro	Asn	Val	Glu	Ala
			340						345				350		
Gly	Cys	Leu	Asn	Pro	His	Ile	Val	Leu	Asn	Ile	Asp	Leu	Ala	Pro	Thr
		355					360					365			
Ile	Leu	Asp	Ile	Ala	Gly	Leu	Asp	Ile	Pro	Ala	Asp	Met	Asp	Gly	Lys
	370					375					380				
Ser	Ile	Leu	Lys	Leu	Leu	Asp	Thr	Glu	Arg	Pro	Val	Asn	Arg	Phe	His
385					390					395					400
Leu	Lys	Lys	Lys	Met	Arg	Val	Trp	Arg	Asp	Ser	Phe	Leu	Val	Glu	Arg
				405					410						415
Gly	Lys	Leu	Leu	His	Lys	Arg	Asp	Asn	Asp	Lys	Val	Asp	Ala	Gln	Glu
			420					425					430		
Glu	Asn	Phe	Leu	Pro	Lys	Tyr	Gln	Arg	Val	Lys	Asp	Leu	Cys	Gln	Arg
		435					440								

Leu	Ser	Leu	Ala	Gly	Arg	Arg	Lys	Lys	Leu	Phe	Lys	Lys	Lys	Tyr	Lys
		515					520					525			
Ala	Ser	Tyr	Val	Arg	Ser	Arg	Ser	Ile	Arg	Ser	Val	Ala	Ile	Glu	Val
		530					535				540				
Asp	Gly	Arg	Val	Tyr	His	Val	Gly	Leu	Gly	Asp	Ala	Ala	Gln	Pro	Arg
545					550					555					560
Asn	Leu	Thr	Lys	Arg	His	Trp	Pro	Gly	Ala	Pro	Glu	Asp	Gln	Asp	Asp
				565					570						575
Lys	Asp	Gly	Gly	Asp	Phe	Ser	Gly	Thr	Gly	Gly	Leu	Pro	Asp	Tyr	Ser
			580					585					590		
Ala	Ala	Asn	Pro	Ile	Lys	Val	Thr	His	Arg	Cys	Tyr	Ile	Leu	Glu	Asn
		595					600					605			
Asp	Thr	Val	Gln	Cys	Asp	Leu	Asp	Leu	Tyr	Lys	Ser	Leu	Gln	Ala	Trp
		610				615					620				
Lys	Asp	His	Lys	Leu	His	Ile	Asp	His	Glu	Ile	Glu	Thr	Leu	Gln	Asn
625					630					635					640
Lys	Ile	Lys	Asn	Leu	Arg	Glu	Val	Arg	Gly	His	Leu	Lys	Lys	Lys	Arg
			645						650						655
Pro	Glu	Glu	Cys	Asp	Cys	His	Lys	Ile	Ser	Tyr	His	Thr	Gln	His	Lys
			660					665					670		
Gly	Arg	Leu	Lys	His	Arg	Gly	Ser	Ser	Leu	His	Pro	Phe	Arg	Lys	Gly
		675					680					685			
Leu	Gln	Glu	Lys	Asp	Lys	Val	Trp	Leu	Leu	Arg	Glu	Gln	Lys	Arg	Lys
		690				695					700				
Lys	Lys	Leu	Arg	Lys	Leu	Leu	Lys	Arg	Leu	Gln	Asn	Asn	Asp	Thr	Cys
705					710					715					720
Ser	Met	Pro	Gly	Leu	Thr	Cys	Phe	Thr	His	Asp	Asn	Gln	His	Trp	Gln
			725						730					735	
Thr	Ala	Pro	Phe	Trp	Thr	Leu	Gly	Pro	Phe	Cys	Ala	Cys	Thr	Ser	Ala
			740					745					750		
Asn	Asn	Asn	Thr	Tyr	Trp	Cys	Met	Arg	Thr	Ile	Asn	Glu	Thr	His	Asn
		755					760					765			
Phe	Leu	Phe	Cys	Glu	Phe	Ala	Thr	Gly	Phe	Leu	Glu	Tyr	Phe	Asp	Leu
		770				775					780				
Asn	Thr	Asp	Pro	Tyr	Gln	Leu	Met	Asn	Ala	Val	Asn	Thr	Leu	Asp	Arg
785					790					795					800
Asp	Val	Leu	Asn	Gln	Leu	His	Val	Gln	Leu	Met	Glu	Leu	Arg	Ser	Cys
			805						810						815
Lys	Gly	Tyr	Lys	Gln	Cys	Asn	Pro	Arg	Thr	Arg	Asn	Met	Asp	Leu	Gly
			820					825					830		
Leu	Lys	Asp	Gly	Gly	Ser	Tyr	Glu	Gln	Tyr	Arg	Gln	Phe	Gln	Arg	Arg
		835					840					845			
Lys	Trp	Pro	Glu	Met	Lys	Arg	Pro	Ser	Ser	Lys	Ser	Leu	Gly	Gln	Leu
		850				855					860				
Trp	Glu	Gly	Trp	Glu	Gly										
865					870										

<210> 16

<211> 3613

<212> DNA

<213> Mus musculus

<400> 16

ggcggcgag	atcctgaggg	aagaggggaa	ggaatcccat	cctcacgaca	ccacctcggc	60
ctctgcatcc	aggaagaagc	aaaggaccag	caagccacgc	caatggcacc	ccctggcctg	120
ccactatggc	tgctgtccac	cgctctcctc	tccctgctgg	ctggcagctc	ggccttcctc	180
tcccatcccc	gcttgaaggg	acgcttccag	agggaccgca	ggaacatccg	gccccaacatc	240
atcttggtgc	ttacggatga	ccaggatgtg	gagctgggct	ccatgcaagt	gatgaacaag	300
acaaggcgta	tcatggagca	gggcggggcg	cacttcatca	atgccttcgt	gactacacca	360
atgtgctgtc	cgtctcgctc	ctccattctc	accggcaagt	acgtccacaa	ccacaacacc	420
tacaccaaca	atgagaattg	ttcctcgccc	tccctggcagg	cccagcacga	gagccgcacc	480
ttcgccgtgt	atctcaacag	cacaggctac	cggacagctt	tcttcggaaa	atacctcaat	540
gagtacaacg	gctcatacgt	gccgcccggc	tgggaaggagt	gggtcggcct	acttaagaac	600
tcccgcctttt	ataactacac	actctgccgg	aatggggtga	aggagaaaca	tggtctggac	660
tactccacgg	attacctcac	ggatctcatc	accaatgaca	gtgtgagctt	cttcogaaca	720
tccaagaaga	tgtacccaca	caggcccgtg	ctcatggtca	tcagccacgc	ggctccccat	780
ggccccgagg	actcagcacc	ccagtactca	cggctctctc	ccaatgcgtc	ccagcacatc	840
acaccgagtt	acaactatgc	acccaacca	gacaagcatt	ggatcatgcg	ctacacggga	900
cccatgaagc	ccattcacat	ggaattcacc	aacatgctac	aacgaaaacg	cctacagacc	960
ctcatgtctg	tggatgactc	catggagacg	atctatgaca	tgctggtgga	gacgggggag	1020
ctggacaaca	cgtacatcct	gtacaccgcc	gaccacggct	accacattgg	ccagtttggg	1080
ctggtgaagg	gcaagtctat	gccgtatgaa	ttcgacatca	gagtcocgtt	ctacgtgagg	1140
ggcccccaacg	tggaaacttg	ctctctgaac	ccccacattg	tccccaacat	tgacctggcc	1200
cccaccatac	tggatatcgc	tggactggac	atccctgcag	acatggacgg	gaagtctatt	1260
ctcaaactac	tggactcaga	gcggccagtg	aaccggttcc	acttgaaaaa	gaagctgagg	1320
gtctggcgag	actccttctc	ggtggagaga	ggcaaactgc	tccacaagag	ggagggtgac	1380
aaagtgaatg	cccaggagga	gaacttcctg	cccaagtacc	agcgcgtgaa	ggacctgtgt	1440
cagcgagctg	agtaccagac	agcatgcgaa	cagctggggc	agaagtggca	gtgtgtggag	1500
gacgcttctg	ggacgctgaa	gctgcacaaa	tgtaaaaggc	ccatgcgggtt	tggtggcggc	1560
ggtggcagca	gagccctctc	caacctggtg	cccaagtatg	acggccagag	cagcgaggcc	1620
tgacgctgtg	acagtggcgg	tggagggggac	tacaaaactg	gcctggctgg	acgccgtaag	1680
ctctttaaga	aaaagtataa	gaccagctat	gcccggaaac	gctccatccg	ttcctggtgc	1740
atcgaggtgg	acggtgagat	ataccacgta	ggcttgata	ctgtacctca	gccccgcaac	1800
cttagcaagc	cgcactggcc	aggggcccct	gaagaccaag	atgacaagga	tggtggcagt	1860
ttcagtggta	ctggtggcct	tccagattat	tctgccccca	atcccatcaa	agtgacctat	1920
cgggtgctaca	tcccttgagaa	tgacacagtc	cagtgcgact	tggacctgta	caagtccctg	1980
caggcttggg	aagaccacaa	gctgcacatc	gaccatgaga	tcgaaaccct	gcagaacaaa	2040
attaagaacc	ttcgagaagt	caggggtcac	ctgaagaaga	agcgaccgga	agaatgtgac	2100
tgcataaaaa	tcagttacca	cagccaacac	aaaggccgctc	tcaagcacia	aggctccagc	2160
ctgcaccctt	tcaggaaggg	tctgcaggag	aaggacaagg	tgtggctgct	gcgggagcag	2220
aaacgcaaga	agaaactgcg	caagctgctc	aaacggctgc	agaacaacga	tacgtgcagc	2280
atgcccggcc	tcacgtgctt	taccacagac	aaccaccact	ggcagacggc	gccactctgg	2340
acgctggggc	cgttctgcgc	ctgcaccagc	gccaaaca	acacgtactg	gtgcttgagg	2400
accataaatg	agaccacaaa	cttctctctc	tgcgaatttg	caaccggctt	catagaatac	2460
tttgacctca	gtacagaccc	ctaccagctg	atgaacgcgg	tgaacacact	ggacagggac	2520
gtccttaacc	aactgcacgt	gcagctcatg	gagctaagga	gctgtaaagg	ctacaagcag	2580
tgcaaccccc	ggaccgcgaa	catggacctg	gggcttagag	acggaggaag	ctatgaacaa	2640
tacaggcagt	ttcagcgtcg	aaaatggcca	gaaatgaaga	gaccttcttc	caaatactg	2700
ggacagctat	gggaagggtg	ggaaggctaa	gcggccatag	agagaggaac	ctccaaaacc	2760
aggggcctcg	tgtggctgcc	caggccatgc	aaaaaacacc	cgattcccag	aagatgaatg	2820
ttggaactgg	gagacctgac	agaaggcagg	gcctgctctt	gggacaggaa	atcctggagg	2880
acagcgctcg	gactttccga	tgctcagttt	ctttgccctg	ctttgctctg	gatcaaacct	2940
cactggctgc	tctgggatgc	gtgctcacac	ctggagtctc	tgctcaccct	ttcagaggct	3000

cacaaagaca	aaggaactaa	tttccatgga	cacttcctcc	agagatggaa	attgctggga	3060
ttcgcccact	cctccccctgc	acccctcccc	cagtcaccta	gggaagcaag	cttgttttaa	3120
ccttcttact	ctttggagaa	agcacggaca	tcacaggtgc	tgtcaacctc	acagtcttga	3180
caaagtctat	agcacaaaac	agtaccattc	accaggctgg	ttgacctggc	tggctcagaa	3240
gctgccttca	ccacatacat	gaccgctcac	acgtaaccaa	cacaggggat	tgtaggggaa	3300
tctcactaat	atgaaatccc	gcttttcaag	agtcgcggtg	tcaataaacg	ctgtggctag	3360
gatcaaggat	aatcccttga	gctttcagac	atttattcct	gcccgggatt	cgttcccttg	3420
ttatccatcc	cagaactgat	gtttttctaa	ggtaccgaaa	ccccagtttg	atgtgtgtcc	3480
tgtgttttaa	tgacattgta	tttgtaaagt	tttgtagtat	aagtaccatc	ttacagtgtt	3540
cctgccccca	gccaatgtct	agctattggg	atgaaaaaaa	aatctttgaa	tttttgtaaa	3600
aaaaaaaaaa	aaa					3613

<210> 17

<211> 2628

<212> DNA

<213> Mus musculus

<400> 17

atggcacccc	ctggcctgcc	actatggctg	ctgtccaccg	ctctcctctc	cctgctggct	60
ggcagctcgg	ccttcctctc	ccatccccgc	ctgaaggagc	gcttcacagag	ggaccgcagg	120
aacatccggc	ccaacatcat	cttgggtgctt	acggatgacc	aggatgtgga	gctgggctcc	180
atgcaagtga	tgaacaagac	aaggcgatc	atggagcagg	gcggggcgca	cttcatcaat	240
gccttcgtga	ctacaccaat	gtgctgtccg	tctcgctcct	ccattctcac	cggcaagtac	300
gtccacaacc	acaacaccta	caccaacaat	gagaattgtt	cctcgccctc	ctggcaggcc	360
cagcacgaga	gocgcacctt	cgccgtgtat	ctcaacagca	caggctaccg	gacagctttc	420
ttcgggaaaat	acctcaatga	gtacaacggc	tcatacgtgc	cgcccggtcg	gaaggagtgg	480
gtcggcctac	ttaagaactc	cgccttttat	aactacacac	tctgocggaa	tgggggtgaag	540
gagaaacatg	gctcggacta	ctccacggat	tacctcacgg	atctcatcac	caatgacagt	600
gtgagcttct	tccgaacatc	caagaagatg	taccacacac	ggcccggtgct	catggtcatc	660
agccacgcgg	ctccccatgg	ccccgaggac	tcagcacccc	agtactcacg	gctcttcccc	720
aatgcgtccc	agcacatcac	accgagttac	aactatgcac	ccaacccaga	caagcatttg	780
atcatgcgct	acacgggacc	catgaagccc	attcacatgg	aattcaccaa	catgctacaa	840
cgaaaacgcc	tacagaccct	catgtctgtg	gatgactcca	tggagacgat	ctatgacatg	900
ctggtggaga	cgggggagct	ggacaacacg	tacatcctgt	acaccgccga	ccacggctac	960
cacattggcc	agtttgggct	ggtgaagggc	aagtctatgc	cgtatgaatt	cgacatcaga	1020
gtcccgttct	acgtgagggg	ccccaacgtg	gaagctggct	ctctgaaccc	ccacattgtc	1080
ctcaacattg	acctggcccc	caccatactg	gatatcgctg	gactggacat	ccctgcagac	1140
atggacggga	agtctattct	caaactactg	gactcagagc	ggccagtga	ccggttccac	1200
ttgaaaaaga	agctgagggg	ctggcgagac	tccttctctg	tggagagagg	caaactgctc	1260
cacaagaggg	aggggtgaaa	agtgaatgcc	caggaggaga	acttcctgcc	caagtaccag	1320
cgcgtgaagg	acctgtgtca	gcgagctgag	taccagacag	catgcgaaca	gctggggcag	1380
aagtggcagt	gtgtggagga	cgtctctggg	acgctgaagc	tgcacaaatg	taaaggcccc	1440
atgcggtttg	gtggcgggcg	tggcagcaga	gccctctcca	acctggtgcc	caagtatgac	1500
ggccagagca	gcgaggcctg	cagctgtgac	agtggcggtg	gaggggacta	caaactgggc	1560
ctggctggac	gccgtaagct	ctttaagaaa	aagtataaga	ccagctatgc	ccggaaccgc	1620
tccatccgtt	ccgtggccat	cgagggtggac	ggtgagatat	accacgtagg	cttgatact	1680
gtacctcagc	cccgaacct	tagcaagccg	cactggccag	ggggccctga	agaccaagat	1740
gacaaggatg	gtggcagttt	cagtggtaact	ggtggccttc	cagattattc	tgccccaat	1800
cccatcaaag	tgacctatcg	gtgctacatc	cttgagaatg	acacagtcga	gtgcgacttg	1860
gacctgtaca	agtccttgca	ggcttggaag	gaccacaagc	tgcacatcga	ccatgagatc	1920
gaaaccctgc	agaacaaaat	taagaacctt	cgagaagtca	ggggtcacct	gaagaagaag	1980

cgaccggaag aatgtgactg ccataaaatc agttaccaca gccaacacaa aggccgtctc 2040  
aagcacaaaag gctccagcct gcaccctttc aggaagggtc tgcaggagaa ggacaagggtg 2100  
tggctgctgc gggagcagaa acgcaagaag aaactgcgca agctgctcaa acggctgcag 2160  
aacaacgata cgtgcagcat gcccggcctc acgtgcttta cccacgacaa ccaccactgg 2220  
cagacggcgc cactctggac gctggggccg ttctgcgcct gcaccagcgc caacaacaac 2280  
acgtactggg gcttgaggac cataaatgag acccacaact tcctcttctg cgaatttgca 2340  
accggcttca tagaatactt tgacctcagt acagaccctt accagctgat gaacgcgggtg 2400  
aacacactgg acagggacgt ccttaaccaa ctgcacgtgc agctcatgga gctaaggagc 2460  
tgtaaaggct acaagcagtg caacccccgg acccgcaaca tggacctggg gcttagagac 2520  
ggaggaagct atgaacaata caggcagttt cagcgtcgaa aatggccaga aatgaagaga 2580  
ccttcttcca aatcactggg acagctatgg gaaggttggg aaggctaa 2628

<210> 18  
<211> 875  
<212> PRT  
<213> Mus musculus

<400> 18  
Met Ala Pro Pro Gly Leu Pro Leu Trp Leu Leu Ser Thr Ala Leu Leu  
1 5 10 15  
Ser Leu Leu Ala Gly Ser Ser Ala Phe Leu Ser His Pro Arg Leu Lys  
20 25 30  
Gly Arg Phe Gln Arg Asp Arg Arg Asn Ile Arg Pro Asn Ile Ile Leu  
35 40 45  
Val Leu Thr Asp Asp Gln Asp Val Glu Leu Gly Ser Met Gln Val Met  
50 55 60  
Asn Lys Thr Arg Arg Ile Met Glu Gln Gly Gly Ala His Phe Ile Asn  
65 70 75 80  
Ala Phe Val Thr Thr Pro Met Cys Cys Pro Ser Arg Ser Ser Ile Leu  
85 90 95  
Thr Gly Lys Tyr Val His Asn His Asn Thr Tyr Thr Asn Asn Glu Asn  
100 105 110  
Cys Ser Ser Pro Ser Trp Gln Ala Gln His Glu Ser Arg Thr Phe Ala  
115 120 125  
Val Tyr Leu Asn Ser Thr Gly Tyr Arg Thr Ala Phe Phe Gly Lys Tyr  
130 135 140  
Leu Asn Glu Tyr Asn Gly Ser Tyr Val Pro Pro Gly Trp Lys Glu Trp  
145 150 155 160  
Val Gly Leu Leu Lys Asn Ser Arg Phe Tyr Asn Tyr Thr Leu Cys Arg  
165 170 175  
Asn Gly Val Lys Glu Lys His Gly Ser Asp Tyr Ser Thr Asp Tyr Leu  
180 185 190  
Thr Asp Leu Ile Thr Asn Asp Ser Val Ser Phe Phe Arg Thr Ser Lys  
195 200 205  
Lys Met Tyr Pro His Arg Pro Val Leu Met Val Ile Ser His Ala Ala  
210 215 220  
Pro His Gly Pro Glu Asp Ser Ala Pro Gln Tyr Ser Arg Leu Phe Pro  
225 230 235 240  
Asn Ala Ser Gln His Ile Thr Pro Ser Tyr Asn Tyr Ala Pro Asn Pro  
245 250 255  
Asp Lys His Trp Ile Met Arg Tyr Thr Gly Pro Met Lys Pro Ile His



[illegible]

His Ser Gln His Lys Gly Arg Leu Lys His Lys Gly Ser Ser Leu His  
 675 680 685  
 Pro Phe Arg Lys Gly Leu Gln Glu Lys Asp Lys Val Trp Leu Leu Arg  
 690 695 700  
 Glu Gln Lys Arg Lys Lys Lys Leu Arg Lys Leu Leu Lys Arg Leu Gln  
 705 710 715 720  
 Asn Asn Asp Thr Cys Ser Met Pro Gly Leu Thr Cys Phe Thr His Asp  
 725 730 735  
 Asn His His Trp Gln Thr Ala Pro Leu Trp Thr Leu Gly Pro Phe Cys  
 740 745 750  
 Ala Cys Thr Ser Ala Asn Asn Asn Thr Tyr Trp Cys Leu Arg Thr Ile  
 755 760 765  
 Asn Glu Thr His Asn Phe Leu Phe Cys Glu Phe Ala Thr Gly Phe Ile  
 770 775 780  
 Glu Tyr Phe Asp Leu Ser Thr Asp Pro Tyr Gln Leu Met Asn Ala Val  
 785 790 795 800  
 Asn Thr Leu Asp Arg Asp Val Leu Asn Gln Leu His Val Gln Leu Met  
 805 810 815  
 Glu Leu Arg Ser Cys Lys Gly Tyr Lys Gln Cys Asn Pro Arg Thr Arg  
 820 825 830  
 Asn Met Asp Leu Gly Leu Arg Asp Gly Gly Ser Tyr Glu Gln Tyr Arg  
 835 840 845  
 Gln Phe Gln Arg Arg Lys Trp Pro Glu Met Lys Arg Pro Ser Ser Lys  
 850 855 860  
 Ser Leu Gly Gln Leu Trp Glu Gly Trp Glu Gly  
 865 870 875

<210> 19  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic protein

<400> 19  
 Cys Tyr Pro Tyr Asp Val Pro Asp Tyr Ala  
 1 5 10

<210> 20  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic protein

<400> 20  
 Asp Tyr Lys Asp Asp Asp Asp Lys  
 1 5

<210> 21  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> synthetic protein  
  
 <400> 21  
 Cys Glu Gln Lys Leu Ile Ser .Glu Glu Asp Leu  
 1 5 10

<210> 22  
 <211> 268685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(268685)  
 <223> n = A,T,C or G

<400> 22  
 gaattctaga gcatctcaca gatagaatgg gggtaaaaga agaaacaaca cacttgcaaa 60  
 tttgatgaaa tttccacat ggtcctgaaa tcgctggtgg aatgggggat tgcagtccgg 120  
 gtatgaggca ttcgagagaa tctgaatgtg tccccaaag tgctcccag agactagcac 180  
 tgatcaggcc gtggaaaagg caaggcccta cagcacagg tctgggctct gctttccttg 240  
 aacacctggt agaggggctg gggagagagg cagaggctga gaatggctgg agacaaatgg 300  
 tcagattcgg ttcttttata tgtagcaggg actcaaacc aggggtgtct ggctgctgga 360  
 aggttgagca atgctgagcc gtattttcac acatggcttc actggcagaa gcagggctgt 420  
 cctgtggcgg agaacccttc ttccagccct gcacgggtcc cctgaccctc aggcctgcag 480  
 gcattcacat accccctgc aaagcccca accctccttg ggcaaggaca ggcacagctt 540  
 caggacatcg tctcctgcc ctatgtgggc agagttaga cccagagct gagagggagg 600  
 ctccccata cccatctccc cgataatggc caatgtctca caaagggtca cttccaaaga 660  
 atgccagggt gcaggcacca ggttttggca tctgatatgc tcccatccgc tccctgggtc 720  
 caaagcattc atcctttgta atctctgacg gggaacaact ggctgttgtc ctttaattag 780  
 caggggacac actaagctat ggtctcctgc aggtccata aacatccgtg aaatcagcct 840  
 ggtgactcca agctcgggtg agactgcggg gaccatagt ggccaagacc ccgtccctgg 900  
 tctggctctg cgaacagcct ccaggagaaa ctgccaaagg gctgggactc gtggcagctg 960  
 ctcaagctgg caagttcttt cttgcaaatt gagatccagg ctgcaatctg ggctggctct 1020  
 gcacattctg ggtgcccggt atctgctggt tggagctgcc tggacacctc tgagggctgc 1080  
 ttgtgcatgg gtgggggctg cttttgaaca catggetgtc ccatgggccc cgccttctcc 1140  
 acttcttctg gcctgattaa atgatggtta ttgcaggagg gatgcagggc caagcatcct 1200  
 cttatgcagc accatgagat ggggggtgtc cagtgtccca ggagaaattc cagcctcatt 1260  
 tccctctgag aactgggaa gaggccacgt gcagtctcag tgcccggatc ccagggtcgt 1320  
 agtctgagtc tgcattgagg gccaaaggtc ggccctgggc tgtgtgggat gagattgaag 1380  
 tgtgtctgat gggagggcc aggtcgcacc caccagggtc caagagtga cagatgtaga 1440  
 cgccagtgcc tgcccaagtc acccaaacg gaaaaaggga ggcgtggga agccctcggg 1500  
 ccagaggctg atgacgtgga atcctcgagg ggactgcctg ctgctcaggg tagaagggga 1560  
 catcctaag cggcacccat gacagccccc caccattcct gccctcaga cccactgtcc 1620  
 ctggagacct gcagagggaa ccactgctga agagaaggcg tctccgtcac ttgctttgtc 1680

tcccccttgggt	caccacaaaag	acagatgctc	ccagccctca	ggtgacaagc	ttgtgtttct	1740
gcccccttct	gataccctctg	ctctacgggt	gtggccactg	ctcctggctt	gcagtgtctg	1800
tgcggtctatg	acagcccagg	ttcctctcag	ggcggtgtc	cctcctgcag	aaagctcacc	1860
ctgtctcctg	ggccctggcc	ctgtcctctg	acagaggagg	gaaggactgg	ggtggtggct	1920
gatggattct	caggtcacct	ttttcctgta	ttcccttggg	ctcttccttc	agagcctcca	1980
ccctgcaccc	tgatgactca	ctgcatctca	tgtaggaagc	ccccggtgac	atctcatgcc	2040
ctgtacacag	gtccctgcag	cctgggcccc	tcctcagctc	tgtgcctct	ggcggaaacc	2100
ccactttcac	ccctccctcc	ttacgtctgg	cggggattgc	agggggcttg	ttggagggaa	2160
gccacatgtg	agaccacat	gacacaccaa	cctcccactg	tgcagaccgc	accccatcta	2220
ttttcttccg	tcccttctgc	agtcaacaca	gccctggctc	tgcattcggc	cctctcttca	2280
cagggctgtg	tctgggcaga	tggggctgga	aaacaacttg	ctggggccag	ctggggtgtg	2340
ttgtggatgt	cacagcccgg	cctgtgcaac	aggaggtccc	aggatccctt	taggggtagg	2400
gtagggggcg	ggggaatgca	ggttaaatgg	gatgggcagg	ggcaggcagg	caacaggggt	2460
gattaatttt	tctcaaagcg	ttgccaggct	acctttcaat	tccttgtctg	tggcccaggc	2520
caaggaaagc	aaatgttctg	ctgccaacct	ggcttgtctt	ttaatcatac	cctttgcttg	2580
tcagtttaga	caccctggta	tattctcatt	gcttttttagc	aatctttgca	acttgctgga	2640
cttttccacc	caaataaggaa	cagtagatca	tgtgtactgt	gtgccaggca	ctgtgctaaa	2700
tgcattagct	atltcaatcc	tcacaatagc	cctatgagat	gggcactatc	attatcctta	2760
ttctgtagac	gaggaaattc	gcacagagag	gttaattaat	tagcccagag	tcactcagct	2820
agtgagtggc	agagctgaga	tttgaacctc	ggcagcctgg	cttcagggtc	tatgctctta	2880
atctctcact	gtaggggctc	ttaagtga	ttccagcttc	catggcttca	gltgaaggga	2940
cttctctgtg	gaggcagggc	taggaggaat	tttatccatg	ggtccctacag	cagccatcta	3000
gaaggatggg	attggctgtg	actcagactc	tacccttggg	gctgcctctg	cctggagctc	3060
tgtccctctg	ctcatcccag	gatctgctcc	gtctccctcc	tcaggactca	agtgcagcat	3120
tgcagaggat	gtttgctgag	cacctgctat	ctgccaggca	ctgtgctagg	tgcaggggat	3180
cttgcaacaa	acaaaattcc	tgtttttatg	gagcacacat	tcagtaagt	gagagggata	3240
aacaaatcag	tgaaagggtat	gcatgtcagc	tgctaatacca	tgctacaggg	agacattcag	3300
caggcttggg	gataggaagc	tccagggtatg	tgggaggggtg	tgttagcttc	ctgtggttgc	3360
tatgacgaat	caccaccaac	ctgatagctt	cacacaacac	atatggactc	tctcctaget	3420
ctggagggtca	ggagtctgcc	gtcagtttca	ctgggctaag	tcaagggtgc	aacagggtcg	3480
gctcctgctg	gatgcctga	gggcaggact	ctttgcattt	tcagtgtctg	tatttccttc	3540
cttctttcct	tccttttctt	gtttcttctt	ttcttccttt	ctttctttct	ttttctttct	3600
ttctcccttc	ccttctcttc	ctttcctttc	ttctctctct	cccttccttt	ctcccttctc	3660
tttctcctcc	ctttcattcc	ccttccctcc	ttcccttccc	ttccttctcc	tcccctcccc	3720
tcctctttct	ttctttctct	ttctttcctt	ctttcttctc	tcctctctct	tctctttctc	3780
cctccccctt	cctctccttc	cctccctccc	tcctccctcc	cttycytkss	skkccctccc	3840
cttccccctt	cacttcccc	ttcccttccc	ttcccttccc	cttcccttct	tccttccttt	3900
tttttctct	ctgtctttgt	ctcttttctt	tttttagaga	cagagtctcg	ctctgtcacc	3960
caggctagag	tgcagtgggtg	caatcttggc	tcactgcagc	ctctgcctcc	tgggttcaag	4020
tgattctcct	gcctcggtct	cccaagtagc	tgagactaca	gatgcgcacc	accaggtcca	4080
gctaagtgtt	tttgtattat	tagtagacac	agggtttcac	catgttggcc	aggctggtct	4140
tgaaatcctg	acctcaagt	atctacccgc	ctcggcctcc	caaagtgtg	gtctggcctg	4200
tattttcttt	tgagcccttc	atactcctgg	gagcgtggct	ccttcctcca	tcctcaagca	4260
catgattcca	gtctctgccc	tgtcactaca	gtcctctgta	ctcagaccct	cctgcctccc	4320
tcttataaag	accctgtgat	tacactgggc	ccaccaggt	catccagagt	catctttcca	4380
tctcaagatc	cttcacttta	caccagcaaa	gcgcctttgc	aatggacata	cacacagggc	4440
ccaggggttt	taatgtggac	acatatgggg	ggcccttgtt	cagcccccta	tgggaagggtg	4500
ttgttgattt	tcagtaggat	ggtcagggaa	gacctgtctg	agaagccacc	atlttagcca	4560
agactggagg	agctgaggct	gcgggcccagg	atgacatcga	gggtggagcc	ttccaggcaa	4620
aaaaacagt	agtacaaagc	cagcaacagg	tgtgtctggca	tgttcccggga	aaaccggggga	4680
gggagccaca	gctgcggccg	agtgaggaga	ggagcagcgg	gaggtgaggc	cagagaagcc	4740

ttggaggcag	aagctgcggg	cctcatgggt	atcatgaagc	tccgggtttt	actctgagta	4800
cgcgaggagcc	atggagagtt	ctgagcagag	gaagcacagg	acctgacctg	ggtttcacag	4860
gcttcctctg	gctgctgtgt	ggaaaatagg	taaatagggc	aagagtggaa	gaagggaggc	4920
ctgtcgggaa	gcttttgcac	aatggccccg	gtgagaaaga	ctcatggctt	ggagcagatg	4980
ctgggatgtg	tccccacat	cccctttcag	gagcaggcac	gcatgcccc	ctgcccagg	5040
ggttgcctgc	tgagagctca	cagctgagac	cctccccaga	aaatgcccc	ggctgacagg	5100
agctgctttg	cccagtcacc	cttcctgggg	tccctccatc	tccaaagact	agtagtaaac	5160
acaggggtct	aaaggtccag	ccccttgact	caattcttcg	cagttctgaa	gggccgtctt	5220
cactgcagac	tctctcgaag	gatggattgc	aaagtcatgt	gtagagtgtg	cagggctcgg	5280
gtgaatgtct	atatgtctct	ctatatttta	ggatcgctgt	ctacattagc	aatttgttta	5340
aaaatatatt	tcaaaattcc	tgtgcccacg	tgaggtctag	tgatttatcc	atgaaggat	5400
agaataacgg	atagagaagg	gatacttatg	tggtttgttg	tccgacagat	cgtgtgaaag	5460
tttttcgtca	tgtccaggca	ccacctcttc	ccggtcaggc	ccacgttaca	tacgaggaca	5520
atggaacaag	tcaaaggcaa	agcaacacgt	ccccctgtaa	aaactgtcag	tgtaaccgtc	5580
cacttccgta	tctgtccagt	cacttaacaa	acattgacgg	accaccttta	aacacaggct	5640
gctgtgctgg	tgtctgggac	acagcgggtg	gtaagagcca	tctgatctca	tgacactctc	5700
aggaagttcc	agtctatgag	gatggacagc	atgcaggcca	acacataaac	atcattcaga	5760
ctgtgaaaaa	tacaacaaag	gacacagatt	gggagatggg	ataaagagtc	atgggggtgg	5820
agctactgtc	tcattttggg	tgggtctggga	aggcctctct	gaggaggtga	catgtgggct	5880
gagtcctgaa	ggataagaag	gggctgccat	gggtgatttg	agggaaacagt	gtgctaggtg	5940
ggaggaacag	caagtgctaa	ggccagagat	caggcagatc	agagatgagg	ccagggtatc	6000
taagaagtca	ggagagtgtc	aagagatggg	gatgcagaga	cactgtcagg	tgaaaaagaa	6060
agagaaggga	gccagggtgtg	gtggctgaca	cctataatcc	cagcactttg	ggaggcagag	6120
gtgggcaggt	tgcttgagcc	caggagtttg	agatcagcct	ggacaacgtg	gccagacctc	6180
atgtctaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaacag	acgtggcaca	tgcctgaggt	6240
cccagctact	gaggaggcag	gaggatcatc	tgagcctgga	aggttgagge	tgcagtgagt	6300
caagatcatg	cccctgtaat	ccagcctggg	tgggtgacag	aacaagaacc	tgtgtcaaaa	6360
aaaaaaaaag	aaaagaaaag	aaaaaaagga	aagggaagag	aattgtcaca	ttttattgcg	6420
acgacagtgt	tttgtttatt	taaaaatatt	tctctcccct	ttgagtccag	cctgacactc	6480
aggagatggg	gagagccttc	ctctcactcc	gcctcaggag	gagctcgaac	ctgctccctt	6540
aaatctccat	cagctccgca	agcacttggg	ctctgctggc	tgtaacgctg	ctccctgttt	6600
accagaggct	tttgtctggc	catgtatcac	tcagactctg	aactagatca	agccacagaa	6660
aacttcgatt	catggagctg	ctggtcccca	ttaccacaag	atatgcattc	tttctctttg	6720
ataaggaatt	aaggtgccat	attcaaactt	taatctgtaa	atacaggtaa	ataaaacatg	6780
attacagaaa	tcattttcaa	taaaaatcca	tcttgagctt	aagtttctgc	cttactgaat	6840
tcaacttttg	agagtgggtg	gttgtgcctg	ctgcagataa	ttgtgacctt	gaatagctgg	6900
aactgtgttc	actgtgaacc	aatgtttcct	ctgagagccc	caaagacctt	gagtgtgaat	6960
cgcttgagtg	ggtggggtct	cttaccctgt	gagtcctccc	accaggggcc	ccatccttcc	7020
acccatcttt	cctcgggcct	gtttcccttg	aggtctgagc	tggggtgcc	agtgaggggt	7080
catccttgct	gtgagataaa	accgaggtgt	gactccccat	ctccatgcag	ggccctagag	7140
ggtgtgcgca	gcttcaacca	tctgatcaag	ggtggattca	actccctgct	cagggcagca	7200
gctcgtggtt	cattcagctc	cagcgacgtc	tcgatgggga	taaggtaagg	ggcacagaga	7260
accaaagatt	gggtctgatg	ggattaaacc	cccaactggg	gtccctgtgt	cttctctttc	7320
ctgacaccag	acgccaagaa	gaaagagcca	caaacacacc	tgtcagtga	ttccaaagg	7380
tgagctgggg	gccaggcggc	ctctgaagtc	tcacatggg	ttttgagctt	ttgctttttt	7440
gaagcagcaa	atctgctctg	ggctaggaat	tggtgtttgc	taaattgcaca	ggtggtctgg	7500
agtgatgttt	tccttcttta	gcaaagtaac	acatgctcct	tacagagagt	tagacatgca	7560
aagaggcagg	catgtttttt	aaggataagt	taaacattca	acaggttctc	gggactgaa	7620
tgaaagggtg	ccccgcaagt	cagccccctc	gcccccaagt	ttcttcttgg	agaagccagt	7680
gcagggctcc	gcgttggggg	ccagtgggta	ggaggctatc	tcaagacacc	aggaggcgat	7740
tagagggtct	cagtcatttt	tgataacctg	gctcgggggt	tggttggttg	gactggactc	7800

ctggcagcac	ccagtgagaa	agggacaaat	caggctgtga	ctctggccgt	tttctcctct	7860
gcgactatga	ttcctttgct	gcacccccctc	tttctggccc	atccacagag	cacagacctg	7920
tccttgctgg	ctgacatttc	cctgctccct	gaggcctggg	gtgtaccctg	gggatgctca	7980
gagagtgtcc	ctggattgat	ttcagggccc	tcacttcttg	gaggagatgt	cattccctgc	8040
agagctccat	tcacctgctc	tgagcactcc	tcacctctgc	caaggacgtg	ctctctgggt	8100
tggctggaaa	gaatgacccc	accatgccaa	ctctgggatt	caggcaaate	agagctgctc	8160
agcccaggct	gcgttggtcca	gctggcccag	gtgtttgtac	tgaaacacag	ctgtgtgccc	8220
actggttggt	gcagagatgc	tgtctctatc	cmtatggaga	ccccgtactg	gcaccccaag	8280
atacagcagc	acaaggggca	caattgctgg	cccagcagaa	acctgaggac	cccacactcg	8340
agctacggct	agtgtccacg	atgactggcc	agccaccaag	tgaacaagga	cagaggcgtg	8400
ggcagacgtg	ctgtggcctc	tcagtactgg	gtgtgtgagt	ggccagagag	ggggtctaga	8460
tgccccagg	gtcttcacac	ccagaccagg	gtttgccaga	ccctgatggc	cctgagagtc	8520
ctgaccagac	ccccgaaggc	caacccaaca	tgctgggaat	gaccatcggt	gccaagcggg	8580
ccttggaacg	ctggggaagg	gctgtcacct	caaatgtccc	actacctggc	tcctcctctt	8640
tcctcagggg	cccgaatctg	cccgtctggc	acaggctcctc	acacaaaggc	tgggtccagga	8700
aaaacaggac	cacattgcca	ggcggcctgt	ccttccccctc	cccacaatct	gtgctctaata	8760
tacagaaatg	acgggctcat	ggccagagac	gccaaagtaac	agagaaagag	aataaagtag	8820
aaaataagaa	tcattcccca	acctaccccc	acacggagct	gcgtttttaa	taactaagct	8880
ccttgattgt	gtctgtgtgg	aggcctgagt	tcctataaac	gaggctgttt	tctctttttt	8940
tttttttttt	ttttttgaga	cagagtctca	ctttctcacc	caggctggag	tgcagctgcc	9000
cgatattgtg	acctctacct	cctgggttca	agtgattctt	gtgcctcagc	tgggcaccac	9060
catgcctgct	catttttgta	tttttagtag	agacgggggt	ttcaccatgt	tggccaggct	9120
gggtctagaac	tcctgacctc	aggctcatctg	cccacctcag	cctcccaaac	tgctgggatt	9180
acaggcatga	gccaccgtgc	ccggccttgt	ctgttttctc	ttcatgagt	cccgggtgtca	9240
acggggagaag	cagcactggc	ctgagcctct	aagccaaagc	gtccggggac	agctggggac	9300
aggcaacatg	gacccggtca	ctgtggtcct	aatggtagat	tgtggtcctg	ttggcatagg	9360
cggctcatca	cgatttcacc	tgtagctgct	ttatgggaag	tctgaattgg	ataggagcag	9420
aaaacagctt	cattgttctc	tagccgctgc	attccagcag	cttctgtgag	gcaggggcca	9480
gatttagggg	agtgagtga	gccaaagtc	gcaaatagag	gggtcaaattg	tgtcttagtt	9540
gaaatgttga	taactttccc	attaggggtt	tttttttttt	ttttgcattg	aattttaactt	9600
ttgaaaaaaa	ttctgcaacta	aaatattatt	tattttgatc	cgtgaatttt	ttggtgcccc	9660
cttaaatttt	atgcctcatt	tgotgcatcc	tgataatcca	gagatgagcg	cctccctccc	9720
ctgcctcgcc	ctagtcccca	tcctgctgat	aggctctctg	tctctgctcc	ttgatgacat	9780
ctggggaagt	tttcctagga	ttttgggtcac	cttgatttat	aatagcagac	ttgctaataa	9840
tgagtggaa	atggccaggc	gccggctcat	gtctgtaatc	ccagcacttt	gggaggccaa	9900
gggtgggcaga	tcacttgagg	tcaggagttc	gagaccagca	tgggtcaacat	ggtgaaaccc	9960
tgtctctact	gaaaaatacaa	agattagctg	ggcctagtga	tgggtgcccc	taatcccagc	10020
tactcaggag	gctgaggcag	gagaatcact	tgaacctggg	aggcggaggc	tgcagtgagc	10080
tgagatcatg	ccactgcact	ccagcctggg	agacagagca	agactctgtc	tcaaaaaaaaa	10140
caaaaaacaaa	aatgaatgga	atagctcatg	tttcggtgtt	acaaaatcca	ggccagacaa	10200
gtctcaactt	taatctcacg	cccagttcct	aggttagtcc	cttctccagc	tcaaatttcag	10260
cctaagcctc	aggggtcctt	ggtcgggggtg	gcaccacctg	ctcccttccc	caactttgtt	10320
cctgtttttt	atctgctggg	gctgggtgca	ttcagaggta	gggacaggct	gaaggctctc	10380
agcttttttg	ttctgttgat	gggtgagttc	caaatactag	ctttctcttg	taggatattt	10440
cattttattt	ttaaaaatat	ttatttagaa	cacaccattc	atgtgccaga	cgctattcca	10500
gccactgggg	atagggtgat	aaatgagata	aacaaaaata	ctcgcccacg	ttaagctcct	10560
attctaggga	agagaggaaa	aaaaagaaaa	tacatgtgta	cttagtacat	tagaaggttc	10620
caagtactgt	taaaaaaaat	aaagcaggct	ggactcagt	actcatgtct	gcaatcccag	10680
catttttgga	ggcagagggtg	ggcagattgc	ttgagctcag	gagttcgaga	ccagcctggg	10740
caacacaaca	aaaccccgtc	tctacaaaac	aaaaacaaaa	catttagctg	ggtgtggtgg	10800
catgtgcctg	tcaccccagc	tactgaggag	gctgaagtgg	gaggactgct	tgagcctggg	10860



tggcaacctg	gggaggagaa	gtcttggtcg	agtttgaggg	tcgtggagct	gccgacccag	13980
ggaggagcaa	ttttgttgtc	gttcgagtgt	caggaagctg	gcgactcagg	taggagaaat	14040
tttgttctag	tttcaggggt	gtggagctgc	agaccagggg	aggagcaagg	ttgttgtaat	14100
tcgaggggtca	ggaagctggc	gaccagggga	ggagaggtct	tggtctggtc	tgaggggtcat	14160
ggacctgcag	accaggggag	gagcagtgtt	gttgtagttt	gaaggtcagg	aagctggcgg	14220
cccagggagg	agaggtcttg	ttctagtttg	agggctcgtg	agctgccgac	gcagggagga	14280
gcaatgttgt	tgtaatttga	gggtccggaa	gctggcaacc	caaggaggag	aagtcttggt	14340
cgagtttgag	ggttggtggg	cagccgaccc	agggaggagc	aattttgttg	tagtttgagg	14400
gtccagaagc	tgacgaccca	gggaggagag	gtcttggtgt	agtttgaggg	tcgtggagct	14460
gctgaccag	ggaggagcaa	tttggttgta	gttcgagggg	ccggaagctg	acaaccaggg	14520
gaggagaggt	cttggttttag	cttgaggggt	gtggagctgc	cgaccagggc	aggagcaacg	14580
ttgttgtaat	tcgaggggtcc	ggaagctggc	gaccagggga	ggagaggtct	tggtctagtt	14640
tgagggctcg	ggagctgcag	accaggggag	gagcaatttt	gttgtagttc	gagggtcagg	14700
aagctggcga	cccagggagg	agaggtcttg	ttctggtctg	agggctcgtg	agctgctgac	14760
ccagggagga	gcaattttgt	tgttattcga	gggtcaggaa	gctggcgacc	cagggaggag	14820
aggtcttggt	ctagtttgat	gttcgtggag	ctgcagaccc	aggcaggagc	aacgttggtg	14880
caattcgagg	atccggaagc	tggagactta	gggaggagmc	gtcttggtct	agtttcaggg	14940
tcgtggagmt	gcagactgag	gcaggagcat	tggtgtatag	tggaggtcag	aaagctggcg	15000
accaggggag	gagaggtctt	gttggtggtc	gagggctcgt	gagctgctga	cccagggagg	15060
agcaattttg	ttgtagttcg	agggctcagg	agctggcgac	ccagggagga	gaggtcttgt	15120
tctagattga	ttttgttgga	gctgaggacc	caggcaggag	caagggttgt	gcaatttgag	15180
gatcgggaag	ctggagactt	agggaggaga	cgtcttggtc	tagtttcagg	gtcgtggagc	15240
tgcagactga	ggcaggagca	ttattgttat	agttggaggg	tcagaaagct	ggcgacccag	15300
ggaggagagg	tcttggttgt	gtctgagggg	cgtggagctg	ctgacccagg	gaggagcaat	15360
tttggttgtag	ttcgaggggt	tggaaagctg	cgacccaggg	aggagaggtc	ttggtctaga	15420
ttgatttttg	tggagctgaa	gaccagggca	ggagcaaaag	tggtgcaatt	cgaggatctg	15480
gaagctgcag	acttagggag	gagacgtgtt	gttctagttt	cagggtcatt	gagctgcaga	15540
ctgagggcag	agcattgttg	ttatagttcg	agggtcagaa	agctggcgac	ccagggagga	15600
gaggtcttgt	tgtggtctga	gggtcgtgga	gctgctgacg	cagggaggag	caatttttgt	15660
gtagttcgag	ggtcaggaag	ctggcgaccc	agggaggaga	ggtctctctc	tggtgtgagg	15720
gtcgtggagc	tgcagaccca	gggaggagca	attttggtgt	agtttgaggg	tctggaagct	15780
ggcgaccccg	ggagaggtct	tgtactagtc	tgagggctcg	ggagctgcag	accaggggag	15840
gggcaatgtt	gttgtaattc	gaggttcttg	cagctggcaa	ctcggggagg	agaagtgttg	15900
ttggagtgtg	agggctcatg	agctgccaac	ccagggagga	gcaattttgt	tgtagttcaa	15960
gggtccggaa	gctggtgacc	cagggaggag	aggtcttgat	ctggtctgag	ggtcgtggag	16020
ctacagaccc	agggaggagc	aatgttggtg	tagttcgagg	gtccggtagc	tggcaacccg	16080
gggaagagaa	gtcttggttc	agtttgaggg	tcgtggagct	gcagaccag	ggaggagcaa	16140
ttttgttgta	gttcgagggg	caggaagctg	gcgaccaggg	gaggagaggt	cttggtctg	16200
tctgaggggt	atggagctgc	tgtcccaggg	aggagcaatt	ttgttggttat	tcgaggggtca	16260
ggaagctggc	gaccagggga	ggagaggtct	tggtctagtt	tgatgttggt	ggagctgcag	16320
accagggcag	gaggaaagct	gctgtagttc	gagggtcaga	aagctggcga	tgcagggaga	16380
ggtcttggtg	tggtctgagg	gtcgtggagc	tgccgaccca	gggaggagca	attttggtgt	16440
agttcgaggg	tcaggaagct	ggcgacccag	ggaggagagg	tcttggttcta	gattgatttt	16500
tgtggagctg	aagacccagg	caggagcaag	gttggttgcaa	ttcgaggatc	cggaagctgg	16560
agacttaggg	aggagaggtc	ttgttctaga	ttgatttttg	tggagctgaa	gaccagggca	16620
ggagcaacgt	tggtgcaatt	cgaggatccg	gaagctggag	acttagggag	gagacgtctt	16680
gttctagttt	cagggctcgt	gagctgcaga	ctgaggcagg	agcattgttg	ttatagttcg	16740
agggctcagaa	agctggcgac	ccagggagga	gaggtcttct	tctggtctga	gggtcgtgga	16800
gctgcagacc	cagggaggag	caatttttgt	gtagttcgag	ggtcaggaag	ctggcgaccc	16860
agggaggaga	ggtcttcttc	tggtgtgagg	gtcgtggagc	tgcagacgca	gggaggagca	16920
attttggtgt	agttcgacgg	tcaggaagct	ggcgacccag	ggagaggtct	tgtactagtc	16980



tgaggggtcgt	ggagctgcag	acccagggag	gggcaatggt	gttgtaattc	gaggggtctgg	17040
cagctggcaa	ctcggggagg	agaagtcttg	ttggagtttg	aggggtcgtgg	agctgccaac	17100
ccagggagga	gcaattttgt	tgtagttcaa	gggtccggaa	gctggcgacc	cagggaggag	17160
aggtcttggt	ctattgtggg	ggtcgtggag	ctgccgaccc	agggaggagc	aattttgttg	17220
taattttgagg	gtccggaagc	tggcgaccca	gggaggagag	gtcttgatcc	ggctctgaggg	17280
tcgtggagct	acagaccag	ggtggagcaa	tgttggtgta	gttcgaggggt	ctggtagctg	17340
gcaacttgga	gaagacaagt	cttggttcgag	ttcgaggggtc	gtggagctgc	agaccaggg	17400
aggagccatt	ttgttgtagt	tcaaggggtcc	ggaaactggc	gaccagggga	ggagaggtct	17460
tgttctagtt	tcagggtcgt	ggagctgctg	acccagggag	gagcattggt	gttttagttc	17520
gaggggtcagg	aagctggcga	cccagggagg	agaggtcttg	ttctggtttg	aggggtcgtgg	17580
agccgcagac	ccagggagga	gcaatgttga	tgtaaagtga	gggtccggta	gctggcaacc	17640
tggggaggag	aagctctgct	cgagtttgag	ggctcgtggag	ctgccgaccc	agggaggagc	17700
aattttgttg	tcgttcgagt	gtcaggaagc	tggcgactca	ggtaggagaa	attttgttct	17760
agtttcaggg	ttgtggagct	gcagaccag	ggaggagcaa	ggttgttgta	attcgaggggt	17820
caggaagctg	gcgaccaggg	gaggagaggt	cttgttctg	tctgaggggtc	atggacctgc	17880
agaccaggg	aggagcagtg	ttgttgtagt	ttgaaggtca	ggaagctggc	ggcccaggga	17940
ggagaggtct	gtctagttt	gaggggtcgtg	gagctgcaga	ccgaggtagg	aacaatatta	18000
ttgtagtttg	aggggtcctg	agctgcagac	ccagggagga	gccatgttg	tttgaatgtt	18060
gtggatctgg	agatccacgg	aggagctgg	gctgccttg	aagtctgaga	gtcacttagc	18120
tggagatcca	gagaggaacc	ggtgttgctg	ttctagtctg	aacagatcta	gagttctggg	18180
gagttgccgg	ttctgcctct	caagtctgag	agttgttgag	ctggagattc	agggaggagc	18240
ctgtgttgct	gttttagttt	gaggggtcatg	gagctgcaga	ctcagggagg	aggggtgcgg	18300
ttctagtctg	aggggtgtgg	agcttgagac	acagggagga	gctgggtgctg	ctgttgttta	18360
aggctgaggg	ttgtggtgct	ggagaccag	gtaagagctg	gtgctgctgt	tgtttaaggc	18420
tgagggttgt	gtagctggag	agtggggagg	aggtagtctt	agtgtcta	gtgaggttg	18480
tggagctgtg	gacctgggg	ggggccgggtg	ctactgtgta	gtttgaggg	catggaactg	18540
gagacctagg	gaggagctgg	tgctaccacc	atttaagtca	gaggggtcatg	gatttgaggc	18600
tttggggaac	agcccatgct	gctgtttaac	tgtggggagg	atctgctgtg	tccgttgaa	18660
tttgaggggt	tgggagctgg	agaccaggg	aggagctgat	gatgccattc	tattttgagg	18720
gtcgtggatc	tggggacctg	gggagaggct	ggtactgctg	ttgtagtttg	aggttcgtgg	18780
aactggagac	agggggagga	gccgggtggtg	ctgttcatgt	ctgaggggtg	tagagctgga	18840
gaccagggga	gaagcccgtg	ctacagcttt	ttaaagtctga	gggtcgtgga	gcctgagacc	18900
tggggagggg	ccagtgtgct	tgttcaaagt	gctcctttcc	gggtctccag	ctccatgacc	18960
ttcaaactag	gagagcagca	gcagctcctc	ccgcggtctt	ccagctccat	gacctcaca	19020
ctagaacagc	agcagcagct	cctcccgggg	tcttcagct	ccatgacctt	cacactagaa	19080
cagcagcacc	ggctccaccc	tgggtctcca	gatccacgac	cctcaaagta	gaacagcagc	19140
actgactcct	ccccgggtct	ccagctctac	aacctcaga	cttgaggagc	tggagactcg	19200
gggaggagcc	aggggtgctt	ttctactttg	agggttgtgg	agctggagac	ccaagatgca	19260
gcagctgctg	ctattctagt	ttgagggcct	tggagccaga	aactttgtga	ggagccgggtg	19320
ctgcctttca	aatctgagag	tcattgagct	ggagaccag	ggaggaaccg	gtgttgctgt	19380
tctagcctga	cagtagtgaa	gctggagacc	caaggaggag	ccggtgctat	tgttcatgtc	19440
tgaggattgt	gtagctggag	acccagggag	gagtcggagc	tgtgatcta	gtttgaaggc	19500
tgtggagctg	cagatcccag	gaagagccgg	tgctgccgtt	caaactctgtg	ggtcttgagg	19560
ttggagccct	gggggtgacc	agttctttca	ttcatgtctt	aggatcatgg	aactggaaac	19620
ctacggaggc	ggcgtgactg	ctgttctagt	ttaaggatcg	tgaagctgga	gacctggaca	19680
ggagctgggtg	ctaccgctgt	tcaaactctga	gggtcatgga	gctggagctc	tggggaggtg	19740
ccggtgctgc	ctctcaagtc	tgaggggtgt	tgagctggag	attcagggag	gagccggtgt	19800
tgtgtgtgtt	gttgaggat	tgtggagctg	gaggccaaag	aggagctgggt	gttgagttc	19860
aattttgacg	gtcgtgtagc	tggagacctg	gggaggagct	ggtgctacca	ctgtgtaagt	19920
tgaggtttgc	agagctgggtg	gccacgggga	agagccagtg	ctatagctga	agtttgaggg	19980
aactggagac	ccagggagta	gccgggtgctg	ctttctagtt	tgaggggtgt	ggagctggag	20040

gcttggtggg	gagccggtgc	tgcctcccaa	gtctgagagt	cattgagctg	gagatccaca	20100
ggggagctgg	tgctgctgtt	gtagtttgag	gattgtggag	ctggagaccc	ggggcggagc	20160
tggtgctgca	gttggagttt	gagggtcagg	gagctggaga	tctggggagc	ggccagtaca	20220
gctgtttaag	cctgagggtc	gtggagctaa	acatggagcc	aaagttgggg	aagcagagag	20280
agagagttac	aggatgaccc	tggaaatggg	agacgtagct	gtaccccaag	caagctaagc	20340
ttgggaactc	ctcaatgcta	gtgatgaatg	cattcttttt	cctcttacac	agtttggatt	20400
tgttttctgt	gtctcatgag	acagaaagat	cttgattaat	acccttagga	attgaaaagc	20460
ttaaaaaact	aaaggatgtt	ggtaataaaa	ataataagaa	ttaaaccatg	attatcctgg	20520
ctgacagaga	caaaatcaca	cacacacaat	atatactttt	caatcagtta	gcaaaattaa	20580
aaaaaatgga	aaaatagacg	caagcaaagc	tataaaaagt	tgtttcatgg	agaagcgatg	20640
gaggacagcg	attaatctga	gagttgctat	taatggagaa	actgagaact	taccattttt	20700
cccatgaggt	tttggtgtag	aatgatattg	tgtgagttct	ggcagctgag	tcacttcaca	20760
cagcccggtg	atgcagtagg	tgtcacagaa	ggaccctctc	ccagttagtt	ctgcctcact	20820
gctccggtga	gtgcggcctc	tgatccccaa	cagctgactg	tgtggtgaga	ccacgcccat	20880
gagcacaagg	gtttccacgg	tgaaggttcc	tggatggaac	actgtggatg	tccctaattg	20940
tccttctctg	tgttcatctg	ccatcttgct	atttaatgca	atgtcttcta	aatattgaat	21000
agaaaaaagt	atttgtacaa	tatgggcaag	gtataaagaa	tatccacaca	ctggacacac	21060
agacagagag	gggcaccac	agcaaaactcc	ctttgcctgg	gagcaggtgt	ggtccttgag	21120
tcctatgttg	cctgtttctt	cctccgcctt	ggcctacggg	cccgatgtga	tctgacctct	21180
gcctgcctct	ccgactccat	ccccctccc	gctcctgttc	tttctaacaa	ttatgttaca	21240
gcctcagtga	atgtgacaag	gaccctgaat	gacggtggct	ttactaagac	agaggttcat	21300
tcctttcaca	tgaaagtcca	agccagtcgg	gtcattcttc	tctgtgcatt	tttcagggtc	21360
ttaggctact	tccatcttgc	tgtcttgact	tccttagggg	atagcttccc	ccacagtgtc	21420
catcctatct	actgccagcc	agcagggagg	ggagaagaga	acaagaggac	acaaatcttc	21480
cttcctctaa	tggcagttgc	tgtgcactgg	cctcatgtgc	attgggtcact	gcctggtcac	21540
gtggcctctg	cttgctgcta	gggggtgctg	gaagttttca	tcctggatgc	carwgcccac	21600
ctgggtgact	cctgaggttg	aggggagaga	ggacatgaaa	gagagtcact	ggctcttccc	21660
accatcatgc	atgtcgttcc	agtctagggc	gacccactgc	ctcagcttgc	tcaggactga	21720
ggaggggtcat	ggggcacaga	cctctcagtt	ttataacagg	gcagtttcag	gcaaatcatc	21780
ccagcttggc	tgagactcag	aattttctctg	ggatatggga	tttctagtgt	taaaactgag	21840
aaagttctgg	gcaaacctgg	acaagttggg	gcctgccatg	gggcctttgc	atctactgtt	21900
acccctgtct	gggattccct	ttctgcagct	ctgtgtgggtg	ctcactcctt	ttctgttgag	21960
gaaaggctgc	tctctgggtg	tccccgggtg	cctgttccgc	tctaactcagc	actacatgct	22020
ctgtgaatat	ccctccatgc	acttcgtaga	atgagatctg	ttctttccac	ccttgcttgc	22080
ccacttcagt	ttcaaagtct	ctgaggatta	ttcattttta	ttctcttcag	cactgaaaga	22140
tacatctctt	tcctaaggc	tgtggctggg	ttcacgcata	gttagataaa	tctgatatta	22200
ataataaccc	gaatgaaaaa	catgtattga	atcccaagat	tatgatgtag	gaagcacgga	22260
ttctgaagag	atgtctaagc	ctaataaagg	ccaaagggtg	tggattaaaa	ggaaatgtgg	22320
ggtggagaaa	catttcatga	aatagaaccc	cacctcttgg	gtgagttcgt	tggtacaact	22380
tttctagagg	gcaattttgc	aactggccaa	tgaagggtcg	taacttttgg	tcccaaattt	22440
catttatagg	cattgatccc	taggaaatag	tcagaaaaat	atgcaaagat	gaatctcaag	22500
gatttttata	agaagaaaga	agtaggaagc	ataaatgccc	actggtggtc	ccacaccctg	22560
gcaccagtgc	tccccctctc	tagtgggcgg	gcacaggcta	cattttccca	ggcttccttg	22620
cagtgaagtg	tggccatgtg	accaggttct	ggccaatggg	aggcaataaa	agtgttgggt	22680
ggtatttttg	gagacccctt	tctgtaactt	ctgtcttgat	atggtttgga	tgttgggtccc	22740
ctccaaatct	catggtgaaa	tgtgatccct	gatgttgag	gtggggcctg	gtgggaggtg	22800
ttttgggtgat	gtgggcagat	ccctctcaca	atggcttggg	gccatcctga	tggcaatgac	22860
tgaattcttg	ctctgagttt	atgggagatc	tggttgttta	aaggggttgg	cacatcctcc	22920
tcctctctct	gctctttctc	tcgccatgtg	atgtacctgc	ttccctttca	ccttctgcca	22980
tgattggaag	cttcttgagg	cctccccagg	agcagatgct	ggtgccatgc	ttgtacagcc	23040
tgcagaactg	tgagccaatt	aaacctctct	tctataaata	accagcctca	ggtattcctt	23100

tatagcaacg	cagatggact	gacacatatc	tttaatgtca	tttcttagtt	gttccatcct	23160
ttgacctgct	tccctggaata	agcgtatgat	ggttggagct	attcttgtca	ccttgaacct	23220
tgaggattag	gcttctaccc	tgcggaatagc	agaatgtcct	ctggaaggaa	atgaaagtcc	23280
ctaacgccac	cctagactga	gaacctccag	ttttgttttk	acttttkkat	kttttgagac	23340
agactcttgc	tctgttgccc	aggctggaat	gcaatggcgt	gatctcagct	cactgcaact	23400
tccgcttcct	gggttcaagt	gattctcatg	cctcagcctc	ccgaatagct	gggattaccg	23460
gtccgtgcc	ccatattcag	ctaatttttt	ttatttttag	tagagacagg	gtttcaccat	23520
gttgagcagg	ctagtctcga	actcatgacc	tcaagtga	caacctcagcc	tcccaaagt	23580
ctgggattac	aggcgtgagc	ctctgtgccc	ggcccagctc	tggttttcat	gagataaact	23640
tctgtcttgg	ctgaagttaa	atcactgata	ggtgatatga	ccataactgg	ataaaaagta	23700
ggaaattcat	gtaatactta	tatctacata	tgccataacc	aaaaatgata	gtgatctgtt	23760
gttatctatg	tgtaaataatg	gacacaaaat	attgttttagt	gtaaacaaag	ctcttctttt	23820
tttttttttt	ttgagacaga	gtctcactct	gttgtgcagg	ctggagtgc	atggtgagat	23880
ctcggctcac	tgcaacttcc	gcctcctggg	ttcaacaat	tctcctgcct	cagccttctg	23940
agtagctgag	attacaggca	catgcaccac	atccagctat	ttttttgtat	ttttagtaga	24000
gctagggttt	caccatgttg	tccaagctgg	tctcaaactc	ctgaccttca	gtgatctgcc	24060
tgtgtttaca	ggcatgaacc	actgcacctg	gcccataaag	ctgtattcta	ttttaatgaa	24120
gcaaaaatgc	ataagtgtgt	aagtgtgatc	atatgtgtgt	gtatgtctaa	caggagcact	24180
acatagcaaa	atgcgaatgc	tgcttatctt	tgggtgttgg	atcacgtgtg	atttaaaatc	24240
ttgttttctt	ctatttttaa	aaactttcaa	aatgagtc	gactttgatt	attagaaaag	24300
aaatctataa	caattgagag	gaaagaaaac	cccactgtt	gttgaaactg	gctggagctg	24360
ggagaaatga	gagattcctt	tgcaaggtgc	acctccctac	cagaaaactg	gccttgccagg	24420
aatgtccac	aagccagatg	tgtctctttc	ccccagtc	tgtgcctggt	gtgaggtcgt	24480
acagacagtg	agcgtccttc	acagagtctg	acctgccaa	gtagggggga	agtgggggtt	24540
tagtgacatt	caaaaccogg	gggagccgaa	cagggtgtgac	tgtatgtttg	cagggtgacc	24600
tctcccctca	aagagcaaga	aataactcta	gtgcaatttc	caaacattta	caagagagga	24660
tttttaaact	tttcacttct	ttattccaag	tagcacattt	ggaagcacia	aatgcacaaa	24720
gaagacctgc	tatttacaat	cactttcact	aagccagtg	tatattcaaa	aacagcagat	24780
aaagctcatg	gctttgatga	aaggggcagt	cttttcattg	gaaacaatta	atactgctcc	24840
ccgttctggg	gagaatttaa	agaaaataat	ttggaagggg	atatggcttg	atacaatcaa	24900
atgatttcag	atcacaaatg	taatcatttg	atcttgcctt	aaaaccaaac	atttcagaac	24960
aatctggcat	cacattctct	tctgagctctg	tgaaactctg	aattctgggt	gagtttgaat	25020
tccaaggca	ggactgagga	tagaaaagat	ttgatggcag	aaacctggta	ctgtggttat	25080
cacgtgggtt	aaagatgtag	gcttggttaa	ccactgaac	ctgcttatgt	atgaggctca	25140
cctgagaagg	tgatatggac	aagcccactc	tatgggtctg	agggctcttc	accaggagt	25200
gagcaaggag	gatggcccca	gcgtcccgct	ctctgaacac	gttttagcggg	agggctgtag	25260
agcctggaca	gatcaccact	ggctccatgg	ggaactttca	gcagcactca	ttgcctgtgt	25320
ctgttctgtg	ccaggcactg	cgctcagggc	agggatttgg	gattcaccag	ggcacaaggc	25380
gacgtgcgtc	tgctctcacg	gagcctaagt	gctggtggag	acggacagt	cagatgccaa	25440
ccgcaaata	cgaggcactt	gcaggtaggg	gtcagcgcca	agaaggaaat	gaagggtgcg	25500
tgctgctgac	tgagactctg	gtgggggcta	cttaaatagg	gccatggggg	agggcctctc	25560
tgaggaggtg	acatttgagc	tgaggcctca	ccaatcagaa	ggaaaaagct	gtaaaagggtc	25620
tgggattaac	tcaacctggg	gactttttaa	ataatgtaag	gtgttccagc	tctttcagaa	25680
tttgtctagc	acgttttccg	gttgtcactc	ccagggtggc	tgggaagag	gcactctgtg	25740
ccagctcgtg	gcctgttctt	tgtacttgct	gggaaggggg	ccccctctcc	cacagccatc	25800
ccccggggc	ctgctccag	gtggggctct	gttttcacca	gaaagccctc	catgcaaaaa	25860
caacaacaac	aaaaaaacac	caccacaaaa	ttgaatttga	attagtgtcc	agcatttaca	25920
ttttaattct	aaaaatctgt	attttcgact	tcggttgaaa	gtcagactat	ctggccatgc	25980
tgggctggga	tctggtggat	tttgggtatt	tgggttctgg	ttaggagggg	tatttggggg	26040
ttgcccctcc	agcatgtgtt	ccagtgtgga	gtggggatgg	gggcaggctc	agtgggggga	26100
tctgcagtgg	ccaagggtct	tggctgtctc	cagatggccg	gacggaccct	gccacctcct	26160

gcttggggtg	tgctggggtt	ctttgtctgc	cctcctccca	gcccacatcc	tcttgaactc	26220
cacggagacc	acctccatgt	gaggtctgga	agggaaacct	gcctttgtaa	gtggaatcag	26280
gtgaaatcgg	gctgtgactg	tgtcagtcag	aaactaaaag	gccctgtcac	acccgtggcc	26340
aggaagactg	tcaccacggg	ggcatgcaaa	tgacagagat	gcgtgggaca	gtgtctacca	26400
agagacgagc	caggtgaggg	caggtcgtcg	tgaaggaggg	aggtgggggtc	ctccccacag	26460
agcagcgcca	tcccacagag	aaacggcctc	tggggagggg	cgcgttccaa	ggaggccccg	26520
tgacgtgcag	agtgggtggc	tcgaggcctg	aatgccgggc	actcggagcg	gtcagtgctc	26580
ccgtgggaac	agggctgctc	gcagccaggt	gattggcaac	cttggatggg	cagccccctgt	26640
gtgcgtgtga	gggggtggcc	ctctgtctctg	tcccttctga	aggcagctgt	aagggctggg	26700
atctagtga	ttttggtatt	tcggtttctg	gttagggagg	gtatttgggg	tttgcctctc	26760
caggatctgt	cccagtgtgg	agtggggagc	agccataagg	gatggaggcc	aaagcgctca	26820
gcacagaca	agcctgggcg	aaggtcctac	ttcctgccag	gccagtgcct	ctgagcctca	26880
gtttcctcat	ctgtatagt	gggttaatcc	caacctatga	tactgcctgc	ctgccatgtg	26940
ccaggccctt	cttacacatc	tttgattgct	tgagggcagg	gactttatta	tccaccttta	27000
gagttgagaa	agaagaggca	tagaaagggt	aaaccactta	ccgggggtca	cacagctgct	27060
gttgacagag	aaagtctcca	gactcaaaca	gagcactaag	ccccgccctg	cgcaccaaca	27120
gggtgtccag	gaatgtcagg	tgccatttat	caccctcatc	acctgctggg	agtgtctctc	27180
ccatcattca	aaccccgtga	gcgtgaagt	aggggacata	tgacagatcg	agtgtactgg	27240
caggtaacgt	aagtaaagta	ataaccacag	gatgatattc	acaaccata	ttagtgtctac	27300
caacagccac	atctgctctg	ttctctgggc	ccaggattgt	ctgcaggctc	ccaggagctg	27360
gtcctgactg	ggtcagaaga	aaggtctgag	gttatgagaa	ggagtagctt	gcccagctca	27420
tgccctgttt	tgtacattgg	gagtcctctg	ccccacagc	tgtcccatg	ggcctactcc	27480
caggtgggct	tgggagaccc	cagagctgcg	cgcctttagg	ccagggttct	gccgggtgct	27540
gggtgtctgt	gggggtctcg	cccccccccc	aaccctcttg	ccctgccagc	tgctggacac	27600
acagcaactg	cagggcatga	actctgagac	caggacctct	gcaggctcctg	ggaggcagaa	27660
gttgacagtg	accaagattg	caccattgca	ctccagcctg	ggtgacaaag	cgagactctg	27720
tctcaaaaaa	gagaaacaga	tatttatatg	agacagtctg	tagaggtttg	aaatgcaaca	27780
tgatccatca	tgccgagatt	tttatagaga	attaattgtt	tcagttcagt	gtgaagggac	27840
ttaaactcct	ctcttcacta	gaattttcca	aactgttaag	gggacatatg	taattgtcac	27900
ctgcacacac	tgcaatcagg	ggcccataag	agaagtgaa	acgttccttt	cttacatgat	27960
tgtttttggt	gaattgagca	gttttgtatt	catcattcaa	aatgcacagg	ccagggggaat	28020
gcccataact	tctggctgcc	taccctccca	ctgcaactaa	cgtaagcagg	caagcaatgg	28080
ctgttgataa	ggacacaacg	gtcatcatca	catttcaggg	gtttttgttt	gtgtttgtgt	28140
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtat	ttgtttgttt	tgagacgaag	28200
tctcactctg	ttgccaggc	tggagtgcag	tagcaaaatc	tcagctcact	gcaaccttag	28260
cctcccaggt	tcaagcaatt	attgtgctct	agtctccccg	agtagctggg	attacaggtg	28320
cccgccacca	caccagcta	atttatgtaa	ttttagtagc	gacgggattt	cgctatgttg	28380
gccaggctgg	tcttcaactc	atggcctcaa	gtgatctgcc	cacttcgggc	tctcaaagtg	28440
ctgggattac	aggtgtgagc	caaaatttca	gggttggttg	ttgtttgtgc	tttaagacag	28500
gcgtctctct	tgttgccag	gctgaatgcc	gtggtgtgat	catggccac	tgacgctga	28560
acctcctggg	ctcaagcgat	cctcttgctc	cgctctcctg	agtagctgtg	aatacaggcg	28620
catgccacca	tgcccgcta	atttttgtat	tttttataga	gatacggcct	tgccctgttg	28680
cctgggctgg	tctcaaactc	ctgggctcaa	gcgatccgcc	cacctcgggc	tcccaaagtg	28740
ttggaattac	agacatttca	gtgtttttta	aaaatcaaaa	aagcatgact	ggatacaatc	28800
aggatttcag	tagaagtaga	aaatatggga	atgtcagtga	gcaaataagt	gcagagagaa	28860
caggggatga	gaagaggaat	gtgggaagat	gggaagcgct	gggaggagaa	gaggatgggg	28920
acgggctggg	gatgaagtct	ggagtgcagg	ctacagtcag	gaaactgaaa	gctgccccaa	28980
gcattaagat	tgcccaagcc	agaagcacac	gaggcagttt	tcaagagagt	aaggagcaag	29040
agatcattaa	actcactcac	caggagagac	aagagatggg	gggagtaatt	taatgagaga	29100
ggccttgaca	ctacaaaaaa	atctaaattc	attctttgcc	tgactgttca	caagggagga	29160
gggggaagcg	gttgtcttca	gaaaacatga	tacatttttc	ttaggcaaaa	cttacagaga	29220

ggaagagatg	ggaaaaagaa	gcaaccgagg	tgatgggaaa	tggagctgat	ttattcttgg	29280
tgttgagagc	gcagttttca	taacacagat	aaactttaaa	aaccagctca	gacctatccc	29340
ttgagccctc	gcttgtccct	ctccacaggt	cccagcccg	tcagagtttt	caaggaagca	29400
gctcccaggc	tactgccacc	ttcctgggac	ctgtgagccc	ctcatcacc	aagctggcag	29460
aatccctcca	actcatggct	ccgtgaaacc	tgagtgcctg	cctccgctga	ccaattccct	29520
gggtggattt	tcttctgggt	gtcggaaaaa	tgtatcagtc	ttttccagat	gtctggcatt	29580
acattctgtc	atttggaata	cagttgattc	ttgaacaatg	tgggagttgg	gggcaccaa	29640
tcccacgcag	tcaaaaatcc	acataatact	tttgactctg	caaaaactta	actactgata	29700
gcctactggt	gaccagaagc	cttactgata	acataaacag	ttttcgtatg	ttaaatgtat	29760
catatactgt	attcctacaa	taaagtccgc	tagagcaaag	aaaatgttat	taagaaaatc	29820
atacgaaggg	gagtatacat	ttactcttca	ttaagtggaa	gtgggtcacc	atgaaggctc	29880
tcaccttgt	ctcttcacat	tgagtaggct	gaggagtagg	aggaggaaga	ggagggtttg	29940
gtcttactgt	ctcgggggtg	cagaggcaga	agaaaatctg	cgtatatgtg	gtctctggca	30000
gttctaacct	gtgctgttca	agggctccatt	gtatttatta	cccagtgggc	tgaatcaag	30060
ataaattaag	cacaggtaag	tcccatttca	agaagtccaa	tacatamaaa	ctgcccata	30120
gaatactcaa	atgaaacaac	caaaagagac	ccaaggctct	tttggatcca	atktcctcaa	30180
cactgaagag	gagaatgtgg	ccctctgaga	ggcattcagt	tggactcatg	tgtagtgaga	30240
ytgctgtttc	tttatctagg	gtctgggcac	aggagcgtgt	acctgggtgag	gattaattga	30300
aatgtactct	tatgatctgg	gcacgtttct	tttcttcctc	tttctcttct	cctcctcctc	30360
ctcctcctcc	taccccttct	tctcttctct	tttttttttt	ttttaagaga	tgaggctctga	30420
ctatgttgcc	caggctggtc	tcaaaactct	gacctcaagt	aatcaaccca	cctcagcccc	30480
gcaaagtgtc	gggattacag	gtgtgagcca	ccactcctgg	cctgggcact	ttcttatgt	30540
atgtctatcat	tcagtatctt	ttactcccag	ggggattttg	attgaggaag	agcaaggcat	30600
tttttgtttt	gttttgtttt	tgagatggag	tctcgtctct	ttgcccaggc	tggaatgcaa	30660
tggcacgate	tcggtcact	gcaaccaacc	tcgtctcact	tgtcctccca	aagttctggc	30720
attacaggca	tgagacatcg	tgcccggcct	gagcaagaca	ttctttaaag	tgagccacc	30780
cccctgcgag	ggtgttttag	ccactccctc	aggaaccacc	cattcctgg	gttttccac	30840
gggatttgct	ccagcctctg	ctgctctggc	ttcccagct	tcccactcct	ggctcccctc	30900
ctacctcctc	gctttgtcac	gtcccctcca	gatcccccaa	ggacctggc	tgggtggct	30960
ttccatccc	agagtcacct	gtggccccc	ctgtcttggc	tcagggaagc	ctcttccca	31020
gacaggcccg	tctggccac	cacccaccc	tccatcccc	agatggcaca	cgtacaagtc	31080
catcgcagac	cccatcagag	cccagatttc	tttgggtgaag	atgtgacttg	gcacagatga	31140
accactctc	ttgaaatttc	atttctgggc	tgcataaccc	agcggcaggg	cacagctagc	31200
atccagaccc	cctgtaatga	tttagagaag	gaaaagaaat	cctggacggg	cgtggtggct	31260
cacacctgta	atcctagcac	ttcgggaggc	tgaggcaaagt	ggatcacatg	aggtcagggg	31320
ttcaagacca	gcctggccaa	tatggcaaaa	ccctgtctct	actaaagata	caaaaattag	31380
ccgaaagcgg	tggcacatgc	ctgtagtcca	agctacatgg	gaggctgaga	cgggagaatt	31440
gcttgaaccc	aggaggcgga	ggttgcagtg	agccgagatc	atgccattgc	actccagcct	31500
gggtgacaga	gagaggctct	gtcaaaaaag	aaagaaagaa	agaaatctta	gagcccagga	31560
agagaacaag	aacaggcaag	gcagacagtg	actatcagtc	ttcccagtc	agctttccac	31620
cctgcagcct	ccacggtctt	tctccatcca	gctccacgca	tggctactcc	actgcgtaaa	31680
aacctccag	ctcctgaaat	ggaaaaatac	acttccgaag	cggcgtgctc	ccatcactaa	31740
ctcccccaaa	aactcacctg	ccacaccctg	tgcataattcg	atgttggctc	ttatctttaa	31800
ttcctctctc	ccatttttatc	ttggcttatt	tagggttttt	tttttggttg	tgttttgttt	31860
tgttttttgt	tttttcttat	tttttgagaa	ctcagtactt	ttaccatcgc	ccttttgaaa	31920
cctggagca	atacaagcat	ttaagactat	aaattttctt	ctgagtacag	cactagccga	31980
gtccctcaga	tgtgtgtgta	aactattctt	gttgttttct	agaaaccatc	attctagttt	32040
tggttttctgc	tttgatctgg	gagttatctg	ggagagagtt	ccttcccag	taaaaggcac	32100
tgttctctgt	cccattcaat	gcgttttgac	aaatgtgtct	actcaagtaa	acatcatccc	32160
aatcaagaca	cagagcattc	ctagcagggc	tatctttttt	tctatttatt	tatgtattta	32220
ttgagacaga	gtctcactct	gtcaccaggg	ctggagtgc	gtggcatgcg	atctcagctt	32280

actacctttg	tttcccgggc	tcaaatagaga	gctcccacct	cagcctcctg	agtagctggg	32340
accacaggtg	tgcaccccca	catctggcca	tttttttgta	tttttggtag	aaatgggggt	32400
tctccacgtt	ggccaggttc	gtctggaact	cctgagctca	agtgatccac	ctgcctcagc	32460
ctcccaaagt	gctgggatta	caggcatgag	ccaccacatc	tggccagggc	tatctcttta	32520
ccatttatatt	taatgtcatt	tgtaatgata	agagcatggc	ctataatctt	tatttttttaa	32580
attttgtaaa	ggtttctttt	gtattcaaag	aaacaaaaga	aggaaataat	ttattaaaaa	32640
ttcttaagca	tcaaataatc	tcacctttgt	gtacatttcc	agctctgttt	ccttatccct	32700
tccatgaatt	tcctcttcac	tgcgctccta	acctggctta	tccatcctta	aactatagct	32760
ctaactcatg	cccaaacaca	ccccctcttt	caatagattg	tgagtagctg	aagggtccga	32820
ggctgcatgg	tttccatctc	tgtgtctctg	cagctagacc	agtgtctaat	gtggcagagg	32880
tgctccacca	acattcactg	actacaggtg	aattaaatac	acctgtgccg	tggggggacc	32940
caggcaggag	ggcaggtggg	tcagagaaca	cttcctgcag	ctgcagcctc	atctctacct	33000
tggtctccatt	cacagcgaga	tatttcagat	tcttcttcag	agagcctgaa	taattaaggg	33060
aaaacattct	aacattcacc	tattggtttt	tctgccaagc	cccagtggtc	tgaataaagt	33120
aaatcattta	aacctatcca	tccttgtgtc	tcggggaagg	tggatgata	cagggaatcg	33180
atagattcaa	tcaggggagt	gagagggcat	cggataaagg	tccttggtca	gggcctgtct	33240
gogggccctca	tggctggaga	tgctcggaa	atccaatcag	ggctcttcac	aggggacatc	33300
acogctgact	gtcactgcat	tcttaccmt	gagsyrgcmg	agggctccctg	ccgagagaca	33360
gggacacgtg	ggctcaggaa	ataaagactc	aaagcctcca	cttaccocac	acctcagcct	33420
cogagggatg	cggggtcacc	tgctgggagg	gaggggcaga	ggccwcwctg	ggggtggcac	33480
atgggtggga	cccgtcctg	cctggctgaa	tgtcccccac	gctttatctc	tttcmcaggc	33540
cacctggatt	ttaagagcac	tcacctgacg	ccctcatgcc	ccagatttcc	agcccggcag	33600
caccttgac	tgtggctgcc	aggtctctgt	ccatctggcc	cctgcctgct	ctcctcttcc	33660
acctcctctg	ctttcctcct	gtttcactgg	cttctctctg	ctactttttt	tttttttttt	33720
gagacagagt	ctcattttgt	tgctcaagct	ggagtgcagt	ggctcaatct	cggctcagt	33780
caacctctgt	ctcccgggtt	aaagcgattc	tttcgcctca	gcctcatgag	tagctgggat	33840
tataggtgtg	tgccaccaca	ccaggctaatt	ttttgtattt	ttcatagaga	ctaaaaatag	33900
ttagggtttc	accatgtggg	ccaggctggg	ctggaactcc	tggcctcaag	tgatcctcct	33960
gcctcagcct	cccaaagtgc	tgagatgata	ggcgtgagcc	accacacccg	ggcttctgct	34020
acttctttga	accagggccc	ccacctcctg	tcaggcctgt	gtgacgctag	ccccgctgcc	34080
tggaaactccc	ttctcccagc	cccgcaacag	ccctcctagc	tcaggaaactc	ccagaggata	34140
aacatgagat	gatttgacaa	agcaaacggg	gctagcacta	agatcgctga	atcctgtagt	34200
ggttctttctc	caattcttca	gtcacctcaa	agaaaacacc	ttgatttggt	gctgatgcgc	34260
cttttagctcc	tttccagacc	ttgcatttca	tccttttgaa	caaagaaagg	acaggccccg	34320
ggcttctctgc	agaatgaagc	ccttctgttt	aggtttattg	cttttagttc	tacagtcctc	34380
atccttttgc	atggaaaaga	tgtctgtttt	ctatttactc	tggatgata	gttttctttt	34440
tgaattaaag	tttcttaata	aaaacaaaaa	tggagtgtgt	aagcaacata	cactgatgtt	34500
agagttggca	gaaatggcca	aaggaccggg	gcatggatga	aatcacactc	ctgggttgct	34560
ccaaaatggt	cagtaaaatg	tgtctctatt	agctacttgg	ggatgtggaa	cttggagatg	34620
tgaagaagcag	aagaagaagc	ccacgatgtg	gttggatgga	gggaccttg	cagaagcaag	34680
aagggcagct	gtgagatgca	gagtggagaa	ttcgacctta	gcagaggcca	gaaaaaagag	34740
ctgggaggag	caggaaaaat	gtcagctctg	tgaatggcag	aaatcgtgac	gatgatgatt	34800
ttggacatcc	cgtgcgtcca	ggatttaaac	actgggggta	caataagatt	ctatggctct	34860
ttcaagccgg	aattgctggg	cacatgaaca	aatttacggg	gaaaataaca	gccacgggta	34920
actcaggcaa	gtcaggtccc	ccaggctatg	gataaacagt	catgcctgag	tcagcctctt	34980
tcttgaatat	tttttttcca	gttacctgag	ccaataaatc	cacctttgcc	ttagaccatt	35040
ggggtttaaat	ttttcttcac	ttagcagctg	aaagaatctt	aacttacaga	aaccacagaa	35100
catagacata	attactcttc	cattttacag	cagaggaaac	tgaggcccca	cctccttcta	35160
tctttatcct	cggatttttg	agaccgttgc	cttctgcttc	atcccagaca	tctgtacctt	35220
gttttctccc	atccaaaagag	aaggaaaaaa	agacaatgtt	cacacccac	tggccatgtt	35280
ttggtcacia	ggaggcctgg	gaaatgcagt	ctttattcca	ggcagctagg	ctcactgcta	35340

ccaggagggga	tgctgaggtc	atccagcagt	ctctgccaca	gctgggtaac	cccagccctg	35400
tccctgtccc	ccatggggca	gcttgagtgc	aggacagagg	acctgcaagc	cccacaccaa	35460
cctgacaggg	caccttcata	acatggcctg	gccaggtcat	cctcacagga	ggacagcact	35520
agggctctggg	caggaccaag	gctctggaca	ggccagagag	aaaggtatga	gcagtgcagg	35580
gagcaatatc	caaaaaggcc	ccaccccttt	cctgggtgcc	caggggaacc	caggggtctcc	35640
ctcagtgtctg	ctggctcctt	cctgcaccag	gcacctgaga	cagaggctgc	agtgagaaga	35700
ccccgtggtc	agtcactcct	gcattggatg	ggaaactcct	ccctttgaat	gaaatgctaa	35760
ttatagcctg	catgtgtgca	gtctgtttacc	tgctaaaaat	atgctgtcct	attcttgtct	35820
gcacaggtgc	agctgagttg	ggggaaatca	tgctgttttt	agcactggta	taagcagaca	35880
attgaatcct	agactttggg	gacggggtct	gcctgggaac	ttgtttccag	gagtggtgact	35940
gaagtgaagg	gccagtccga	ggaggtgccc	caaccccggg	gcacagcaga	gcagtgccaa	36000
tgtgggagga	agcatcttcc	aacagtggta	tcagcttcac	agtggaggca	gcctcagctt	36060
ccagggtctga	gagacatttg	tcactctggc	aggaggagg	ctgttaaaac	aggcactggg	36120
ggagcacaat	ggggcccca	atocacccaa	gaaagcccca	aaacagggat	gttggaatga	36180
gatgaggagg	aaagggtcct	gaagacagag	gaggcaggta	tggggaagga	ttgagagatg	36240
tcactcattc	attcatccat	tcattcattc	tacaaatatt	tattgagtc	taccacatgc	36300
caggtactct	gctaggtgct	gggttgaaag	ggacagataa	ggtcgctgcc	ctcatcttta	36360
ttacaataat	atttctatac	atattgagcc	aggaactgcc	caaggcacta	gagacacaca	36420
tcaaacaaaa	accccttctt	ggagcaaaaa	ttctaattgg	ggaaggaggc	tctgatgtcc	36480
cctctcccaa	gaacaaatga	acacggaaat	gatgataaga	gttgggggact	cccatgggac	36540
cctcccgctc	ctgtccctgg	gtctccagtt	cagccttcga	gagtcacagga	gggtgtcggct	36600
ttcccacctg	gccacatctg	ctgtctcggtt	tgtctcacat	gctgctcaaa	gactcaaacc	36660
agcatcctca	gccctgatgc	acccctcac	tctggggggg	cacaatcaca	ggatgcaagt	36720
gagccagata	tccagaaaag	tgaagacctc	ctggatctag	acaagagaat	ccaattggct	36780
gagccaaatt	tgacacaaac	acctgcatgg	gaggcaggtt	ctctgggttc	aaatcccagc	36840
ccactgccta	ccacttacta	gctgtgtgac	cttgggcagg	ttatttaaac	ctctctgtgc	36900
ctgagtctcc	tcctctataa	actgaggata	atgatagttc	ctgttacata	ggattatcag	36960
acaagttaag	gcagaaaata	ccagtaaagt	gctcagtaca	ccatctgccc	atgggatgca	37020
agggtttaaa	atgttaggca	tcactaccct	cattacggtt	gcgttgaatt	ttatattgat	37080
tattggcttt	atattgatta	cttctgatta	ttattgattg	gttttatatt	gagtattata	37140
tggcatctga	taacattctc	atgaccttcc	ttcctggctc	cacagtgtca	tgtgtttttt	37200
atgctgggat	caattccatt	ccctggattt	gacatttccc	tgcagaaacg	caggctggga	37260
agggagctct	gaggtcatcc	cccactctta	tcacaatcat	cagccacaga	tgtccctgag	37320
tccagggcag	gtgctggccc	atcatcccgc	aggtgggtcc	actctatact	ctacagaaca	37380
tgtgcttccc	attccatctt	ccagcatctg	ctgacctga	atggetcccc	agccttgccc	37440
tggcctcccg	tcctggctcat	gagcagcccc	ttccccacac	agcagttaga	aggatccttc	37500
tcattgctgaa	tcagccctgg	gcagctctct	gaccacaacc	ttccagtgtc	cccatcacgg	37560
gactgatggg	ccaggccctg	ccccctctca	gctcctgtct	ctgcccgaagc	tcccctcaca	37620
cctgccctca	gtccctccag	cctccctgct	gtgtccaacc	accaccccct	cttactccca	37680
gcttgctccca	cctcagatcc	ttctaccagg	agtgacctta	cttaaatatg	cccacctcc	37740
actggctcct	cctcatcaga	caaggcagg	caagtgcac	cacctcagga	gccctcccaa	37800
ctcccaagtc	caatgtcggc	cacactctcc	catctgtcat	gtcactctcc	cttgettcac	37860
gggtctaaga	tggctgccaa	actccaacca	tcacactgac	attccagata	gcaggaaagc	37920
acaaaagata	aagaagagaa	tacctctgtc	tttaaggaca	cacctttaa	gttgacatg	37980
atgattttgc	ctactttccc	actgtctagg	actaagttcc	cttgccatgc	ttagctgcaa	38040
aggggctggg	aaaggtagtc	atgactctgg	gtgaccatag	gcacaaactga	tagtcagcag	38100
tagttctatt	actaaggaag	aaggggaaac	agctaactctg	ttaggggaacc	acttggaactc	38160
cctgccactg	ccacctactg	actatctcac	cttgggcaag	ttactgggga	tctttgttgt	38220
gaatctcaga	tttcacatct	ctgatatcaa	atgcaaactc	agaagatcca	gcctgttctg	38280
tcccctgtct	gtccttgtgg	tcacacctct	ttccactccc	ccacctgatt	cactttgtctc	38340
ccagagcaca	ggactccttt	gtctcaaate	tgccaaagctc	attcctaccc	acagggcctc	38400



cgcatTTtGct	gtTccctaag	catggaactc	tcttctgatc	atTTtttcccta	actgtggtaa	38460
attacacaca	taaattaaacc	accttaacca	tttctaagtg	tacagctcag	tggcattaac	38520
tacattcaca	ccattgtgct	acgatcacca	ccatccctca	acagaacttt	tcatctggca	38580
aaactgaaac	tctgtatccg	ttaaatacga	ctccattctc	cttccctca	gcccttggcg	38640
gtcaccattc	caccttgct	ttataatctg	actactctag	gtacctccta	taagtggaaat	38700
cataccgtat	ttgtcctttt	gtgactggct	tatttcgttc	agcataaagt	cctcaagctt	38760
catccgtgtt	gcagcatgtg	tcagaatctc	cttcctttct	aaggctgagt	aatattccat	38820
cgtagggata	taccacattt	tctttatcta	ttcatctgtc	aatggacacg	tggattgctt	38880
ccgtcttttg	gacattgtaa	ataatactgc	tatgagcctg	tgtgtacaga	tacctcttca	38940
agtccttgct	ttcaattttt	tggggtatat	accagaaag	gaatcgctgg	accacatggt	39000
aattatatgt	ttaatgttcc	gaggaacagc	catactgttt	tccatatggg	tatacaatta	39060
tacccccatg	gtataccctt	atagtataca	attatacccc	catggtaacc	cctatggtat	39120
acaattatac	ccccatggta	tacccttatg	gtataattcc	ataggggtata	gccatagggg	39180
tatacaattg	acatttccat	caatagtgc	caagggttcc	agtttttcca	caccgacacc	39240
aacacttggt	agtttctggt	ttcttgatag	tagacatcct	aatgagcatg	agatgggtatc	39300
tcatgtggtt	ttgggtttgc	atTTtttctaa	tgattagtgg	tgctgagcat	cttttcttgt	39360
gtttatgggc	catctgtata	tcttcttttg	agaaatcttt	attcaagtcc	tttgctcatt	39420
ttataatagg	gttatttctt	tttttggtgt	tgagttgtag	gagtttgttt	ttaatatcct	39480
ggatattagc	cccttatata	tatttcaaac	atTTttctccc	atttcatagg	ttacctttca	39540
ctctgctgtg	tcttttagatg	caaagtgttt	aatattgctg	tagtccaatg	tatctatttt	39600
ttcttttgct	gtctacactt	ttagtttcac	attcaataaa	tcgttgccaa	atccaatgtc	39660
atgaagcttc	tctcttatgt	tttattctag	gagttttaca	gttttagggt	tgtgttttagg	39720
ttttttatcc	atTTttgagtt	aatTTtttata	tatgataaaa	ggttcttttg	tatgtagata	39780
tacagttttt	gcaacaccat	ttgttgaaag	gactgttctt	tctccattga	gcggtcttag	39840
catctttgtc	gaagatcatc	tgccctacat	gtgaggggtt	aattctgggc	tgtctgtact	39900
gttcccttgg	tctacacacc	tatctttatg	tcagtatgat	actgttttga	ttactgtagc	39960
tttgacagtaa	gttttgaaat	caggaagtgt	gatgtctcta	accattcttc	tttttcaaga	40020
ttgttttggc	tatttgagggt	gccttgagggt	tccatatgaa	tttttagtata	aatTTtttcta	40080
tttccacaaa	aaaattagaa	ttttgatagg	ggttgcattg	aatctataga	tcgctttgga	40140
aggtaaagggc	atTTttaccag	tattaagtcc	tctgattcat	gagcatcatc	tgggtgtctgc	40200
atTTttttgt	gtctgcttta	atTTtttcagc	aatTTtttata	gttttttata	gttttttggt	40260
caaattcttct	gcctcttcaa	atTTtttctt	gtcttttatt	ctttttgatg	ctatagtaaa	40320
ttgaattgtt	ttcttaattt	tctttctgaa	ttgttcatat	tactgattt	ttgcacattg	40380
atTTttatct	ctgcaacttg	tcaaateccac	ttattagttc	taacaggggg	atTTtttagaa	40440
tcttttagggt	tttctgcata	taagatcatg	tcacttgagt	acagagataa	ttttacttct	40500
tcttttccaa	tttggtatgcc	ttttatttat	tgttcttgcc	taattgctct	gactaggagt	40560
tccactgcta	tgttgaacag	aagtgtctct	tccactagtt	ttcgctcagt	agattccttc	40620
tctgcattcg	agtctcaact	caaatatgat	ctcctaacag	acagcaatcc	cggacgctcc	40680
ctagtcceca	gtcccttgct	atcacatcaa	cacactttat	tttccaccat	ttagtatgat	40740
ctgaaattac	actgtgtatt	tgtttaattg	ttcatttctt	gttttgcttc	ctgcacgggg	40800
gttccatggg	tacagggacc	tgtccttctt	gcatgcccc	tgccctaggat	agggctctggc	40860
acaaagacat	tccttgataa	atgtttggtt	aatgaattgg	tcaaagatgg	gactgaggca	40920
ccagcagttg	taggtcccca	tgcccttggc	aatgtctcct	tctctcaaga	gttttcttct	40980
ctgcccgcgc	acaaaacgtc	ttcatccaaa	taggttgatt	ccttgccatc	ctctacaatt	41040
gctctgagcg	actgcagtgc	gtcatctaag	tggggatgca	tagcagtggc	ccaggattag	41100
aggtgcagag	gacatgcctt	tcttatcagg	gatagtccta	ataacaatat	cttattttaca	41160
actcacttca	cagcctgc	gtacttaagc	atctgccatc	cctgaaagag	aaagataaac	41220
acaattgaga	catttaggca	gaaaatgaag	ggaagatgaa	aaggttttaa	aatgagcaag	41280
ggatgcattt	tccagcattg	aatgagagca	taggtttctt	cctgggtttca	agataaaaaga	41340
gaaaaacctg	aaggagaaaa	acactcaaaa	aaggtgatgc	tttatcctga	agattagccc	41400
acagcagact	gtcagggaaat	ctatagtaac	ggagactcta	ggataaattt	ttttaaatta	41460



agaagcagaa	ggagaaaagg	cagcagccct	gagcctcgac	tttggaaagt	cctccatccg	41520
tctgcgtctg	tcatcagctg	gcagagtggg	tgcatggcag	ggggagccag	ggccattgtt	41580
cctcccctca	gccctttctg	ctctcagttt	agggataacc	aatgtttgat	ggcttgtctc	41640
tcaagagcga	ttagaagcaa	agctgctcat	tacaggctaa	atctcaaagc	gctcctacag	41700
aaatctcact	tcctaagccc	aaagccctga	tcccgggctg	cattttgaca	aggctcatct	41760
gtgaccctga	cgggcaccag	cggacgacga	tgggctgaca	cacacagcac	ttactgcggg	41820
ccggggactg	cagttctgag	ctctccgggt	gcatgaactt	gcttaatcct	cactgagctc	41880
aacgatgcta	ttgggattca	gctcacagat	gaacagagcc	gggctgggca	gaatcaatgc	41940
tccctgggcc	catggctgca	ggacagcgga	gccacttcca	ggacccctgg	ccagcaccag	42000
gcccacacca	ctgaccactg	cccactgatg	gtgctcttga	cagaaaaggg	gcctcagtga	42060
cagccctgat	accaatattg	ctccagatgc	ctctttccag	gaaaaagtcc	tcttctgaga	42120
cagtgaatcc	agtgaaccag	acttttccag	ggctctcaga	attttggctg	cattcccaca	42180
gttagaagtg	ttggaaccaa	tttgttctaa	agagagtgtg	gaaatctcta	tgaaagccac	42240
cagtcaccac	cctaacatga	aagagggaca	ttcgaaaagg	gatttctagg	aggggaattag	42300
caggaggaga	cactttggcc	caagacaaaag	agcagggctt	cgagaaacca	ccggcagagg	42360
ctgggctact	ctccaagcag	gacagcatct	ctcagactat	tcttccccca	agagtgtctg	42420
gaacctccga	gggcagaggg	gatgctggac	tggacccatc	tgggaagggg	tccgctgagt	42480
gggggttccc	taaggcttta	catggggcag	gaattgaagg	tgagggttgc	aacaaggggt	42540
gcattcccag	cgccccagtg	tctgaaaagc	atgcagtatg	gagccccagc	gtgtttctga	42600
atgctcctct	cccacgctcc	catgcacctt	ttttatgtca	ggtaccgttg	aagcagatcc	42660
tgagaggagg	accttcatgc	aaggactgga	tctaggatct	gcaccagaga	agacgagaaa	42720
ggggtaggga	gaggggatca	ggaagagcag	gaagccgggc	caggggtgcg	ccttaagcca	42780
agccccttag	ggagggaggc	aggcttcagc	ccacctgcca	ggggaatcca	gcccagggtg	42840
tgagtcacag	ccactccttg	tctgtcctca	gggcagggag	ctgggcttcc	ggacacctgc	42900
actccagaca	caaccagctc	tctgttgagg	caaggcagat	ccaggagccc	cagggccatc	42960
ctcttatgag	agccagagct	gtggcccatg	gaggggaagg	aaggtagcag	caccagggcc	43020
aggcgatgaa	cacaaaatgc	agaagagaat	cccagggcac	agaggctggc	acccccgctg	43080
gccgctcctt	atttctctgc	tactgcctg	tgggacctc	agcctgtcgc	gcgccctccc	43140
tgagcctggt	tccccagctc	cagagtgaga	atcgtcataa	ctgccctgac	ctccaagggc	43200
tgccataaaa	ccaggagaaa	ctgtccagaa	aaccagcac	agctgggacc	agcagcgggc	43260
tcattaagaa	agctaaatat	gctaaagtgg	gtggggaatc	caaaaaaaaa	aaaaacccgt	43320
ttacactcac	agctttatata	agttaaaaga	aaacatgcaa	ctctcctata	attgacgaat	43380
attttcatgc	cagggctaata	gaactttctt	ataatgtggg	cctgctgttg	gattctccca	43440
ttgtctttgt	tctttatata	attctacaat	gttcagtttt	ggcttctttg	aagtggaaatg	43500
agggtatgaa	aacacttgcc	acgcaatccg	ggtgcaggat	ccttccacac	cagcattgtc	43560
cagtagaaat	agaatgtgaa	tcacaaacat	aatttaaaat	gtttcagtaa	ccgcattagg	43620
aaaaaaaaac	taaaaagaaa	cagaataaat	taatttcaat	gatataat	atttaaccca	43680
acatacctaa	aatattat	caacatacaa	taaatgtaaa	aatgaaggtc	atttacattt	43740
ttcattctaa	gtcttcaaac	tctgggtgtga	gttttaccct	tccagtgcac	ctccatgttt	43800
atcagatata	cttgacttct	atttcgattt	tagaaaattg	acagctgaaa	aagtagattc	43860
acataaacia	ctatccccaa	acataattta	aagctttcca	ataactgaat	cacatatcag	43920
tttttaataca	tttaaattaa	ttaaaattga	acaaaattaa	aaattcaact	tctcagtcac	43980
atcagccaca	tttttaaaaa	atatttttta	agttagagat	ggaggccggg	cgcggtggct	44040
caagcctgta	atcccagcac	tttgggaggc	tgaggcaggc	tgatcacctg	aggttgtgaa	44100
ttcgagagca	gcctgaccac	catggagaaa	ccctgtctct	actaaaaaaa	aaataaaaat	44160
acaaaaaatt	agctgggtgt	ggtggcacat	gcctgtaatc	ccagctactt	gggaggctga	44220
ggcaggagaa	tcaattgaac	ccggaggcgg	aggttgtggg	gagccgctat	catgccattg	44280
ctctccagcc	tgggcaacaa	gagagaaact	cagtctcaaa	ataaataaat	aaataaaaat	44340
aaataaaaat	agagatgggg	gtcctgctat	gttgaccagg	ctgggtctca	actcttggcc	44400
tcaagctatt	ctctcatctc	ggcctcccaa	agtactgaga	ttgcagggtg	gagccaccac	44460
gtccagtcac	atcagccaca	tttaattgtgc	tcagtagtca	catgcagcaa	tgactatttc	44520

tttcaaccct	wttttttttt	tttgagacag	agtctctttg	ttgcccaggc	tggagtgcag	44580
tggcacgata	tgggtcact	gcaacctmtg	cctcctaggt	tcatgcgatt	ctcatgcctc	44640
agcctcctaa	gtagctggag	ctacaggtgg	gtgccaccat	atctggctaa	tttttttttg	44700
attattagta	gagttggggt	ttcaccatgt	tggcaaggct	ggtctcaaac	tcctgacctc	44760
tcaagtgate	tgctcccmcy	agcctcccaa	agtgtcgaga	twmcaggctc	tcccaccag	44820
gctggagtat	agtggcacat	tcatagctca	ctgcagcctc	gaatccccag	gctcaagaaa	44880
tcttcccatc	tcagcctccc	aagtagttgg	gactacgggt	gtgcatacca	caccagcta	44940
atTTTTTTTT	TTTTTTTaa	tagagacaga	atctccctac	attgccccag	ctggtcttga	45000
attcctgggc	tcaagtgate	ctctggcctc	agcctcccaa	agttctggga	ttacaggcat	45060
gagccatggt	gccctgcctg	cagcaatgac	tattatattg	ggcaattact	gggcagttct	45120
caatattttt	ctgatctctt	tttcagcttt	ttgcccttaa	gagatctttc	cagacaattc	45180
aacttggtgt	tcataaaaaa	agcaactccc	tttctttttc	ccctccta	tatccgtttg	45240
ctatgtttac	taagttttgc	aattgcaatg	ccaggatata	ccagagtaaa	caggtttgga	45300
aacaaacccc	tgaatttcag	caggcagaga	acacgatggg	catttcagag	agtggcagat	45360
agccccaagc	tgtgggcttg	tccctctact	tacagaggaa	cggagggtt	ggaagcatca	45420
ggggagtgag	ttaaggaggt	tgcacagaga	agattctact	ctgcattgaa	agctctaatt	45480
tcagttagta	gcacgcaaaa	agtaattggt	gtcatctctg	ctagtctaaa	agcacaccac	45540
tccaccaaag	ccctgctcag	acggctgcct	aaccaatata	cttcttcacg	ttcctcctcc	45600
tgacagaagc	ctgactttgt	cctgggtgtc	acctgttccc	catgcagccc	cttggttcag	45660
gggatgctga	cgtggtcctc	agcttcaggg	tcatcccaat	tagtctacag	ttactacatt	45720
cagcaatctc	ctggtgattg	tcagtgggtc	cgggaaggac	acatgggcca	agatggccaa	45780
ttgtactgaa	gacaaggagt	acatcccaca	cttgaaggag	tgatttctct	ctcaatgcca	45840
ggggacctgt	gatagggaca	ggaggcagag	aaactctggg	cagaagaggg	cgggtccccag	45900
caagggctct	accctcaaac	ctggaaccat	ggcccgaagt	gagaacacgg	attcctgttt	45960
tctgacttga	atgttgccct	tccaaaacca	cacatgacac	gccccacccc	ccatcctgtg	46020
ccataaaaaa	cccaggcttc	tccagcagag	aagaggagaa	gtagctggac	gttggagaga	46080
agcagcttga	cttcagaggg	acggcttgac	agtgttgctt	cgaagaggat	gaagagaatg	46140
ttccccagcg	gggaaagatt	atcttcccgc	tctatccctt	ttccatctcc	cctttcatcg	46200
gcaataaaa	cctccatatt	caccaccgtc	caattcgctt	atgcgacctg	atTTTTcctg	46260
gatgcaaaa	aagagctcag	gtgccacagg	tgtggacact	aaaggctgtc	acactgaccg	46320
tctgctctcg	ctggtggaga	gaaacaacct	catgcaaaaa	ggcagagggc	ccactgagct	46380
gtttaacact	taagccatcc	gcggacagca	aagctaaaag	agcaactgtga	cgcccgctct	46440
ctggggtttc	cgggtttgca	ggtaccccc	tcccttagac	gctgctgtgg	ggccagcaca	46500
gagtttgctc	ctgccagcgc	ccaaaggcac	tgcgccagc	tctgaaccc	gctcatctac	46560
atgctccctc	ccacaagggg	ttgagcacia	cagtgaagtgg	agtttgccct	gctggcaccg	46620
aagtggccgg	gtagctccag	cttccgatac	tccaggctcc	acctgtgaag	gggtcgggta	46680
aaatttctctg	cttcacctgg	acaagaagac	atgtgccagt	tgtgtgtggc	agccacattg	46740
tgacatccca	caacaggcga	gggagactgg	tgggtgttga	gagccactga	atcaaccac	46800
cctgaagtcc	acctctgtta	tgggagataa	catactccct	cactgcgtaa	gccagattca	46860
ttaggggttt	cagtcacttg	cagccaatag	caagctgact	caatacaaat	ccctcctaaa	46920
aagactttctc	tgacctctc	cgttctctgg	accctgcgac	ctttctcacc	gcaccaaccc	46980
actgcatect	gcgtgccatt	tatgtccgtg	tgtttctccc	accagccatg	ggccactga	47040
ggatgagctc	tgtttcttca	ctcttctcct	tagcccaggg	ttctgcgatt	agtaggtgct	47100
ttgtaaattc	catcgcaaaa	aaacatattt	tattgcggtt	gctttagaaa	gctggataga	47160
tgggtggaaa	gcactctttt	gttttttgtt	tttcagaaac	tcaccactgt	gatgtaaact	47220
gctctgttag	gtgacactgc	agtacttcta	tgccagtaaa	gacaggtttg	aagatgcttt	47280
atttcactgg	gacaaactac	atgtccataa	atgtcccatc	cgtctttctc	ccacttgatg	47340
atatttgcag	actcagtaat	ttcctttctg	cgatgaacat	ccctctttaa	cattcaaact	47400
cccttaaaca	gatgtagtgc	tttcccacaa	acccatctgg	acagggtggc	gccacgttaa	47460
atctcgtgca	tgggactgca	gcactctggg	tactcatgga	atcttcttcc	attcattctt	47520
gttgttgttg	ttgttgttgt	tgttgttgtt	gttgttgttg	ttgttgagac	agagtctcac	47580

tatgtcaccc	aggatggagt	gcagtgggtgc	gatctcggct	cactgcaacc	tctgcctccc	47640
tggttcaagc	cattctcctc	cctcagcctt	cctcccaggt	agcccggcta	atTTTTgtat	47700
ttttagtaaa	gacagagttt	cactatgttg	gccagccttg	tcttgaactc	cttacctcaa	47760
gtgatccacc	acctcagcct	cccaaagtgc	tgggattaca	ggtgtgagcc	accaggccgg	47820
gcttcttcca	ttaattcttt	tttttttttt	tttttttgag	atgaacgttc	actctgtcac	47880
ccagactgga	gtgcagtggc	tccctcttgg	ctcactgtga	tacagtctctg	atgaggggag	47940
gaggggtctt	gtctcatgtc	aaattaggta	agatgacacg	gacacacatg	gagcggtttt	48000
aaggagcgga	gtgtttaata	ggcaagaagg	aagggagaag	gaagaagctc	ccttgtacag	48060
aggcagagga	atgggggctc	caaagccgaa	agaggaggtc	cccacctgcc	atggatacca	48120
gccaggtata	tatacagagg	ctggaggggg	cggtgtctga	tttgcatagg	gctcagggga	48180
ttggtttgac	caggcatgtc	attcatggta	gcccataaaa	aagctggccc	tcccacccta	48240
gtcttttaat	atgcaaatac	agggcgccac	aatgttctac	acacgtgggg	atatgtgggg	48300
gcgcccatgt	tgccaggaac	aggctcggga	agggcaagaa	ggctcgcgac	ccagtttcta	48360
atggctggca	tttgcataat	aaaggttgcc	cgctgtgtc	taagagcccg	ggctttacag	48420
aaacttccgg	agatgcttta	acaaacgaaa	acttcccaag	gacccctttt	cctttctatc	48480
tgcctaaaat	aatttcttaa	taactcctac	cacaacggca	acctctgact	cccaggttca	48540
agcaaatctc	atgctcagc	ctcccaagta	tctgggacta	tgggcgcgtg	ccaccacacc	48600
cagctaattt	ttgtattttt	ttagtagaga	cagggtttca	ccatgttggc	caggctggtc	48660
tgaactctt	gacctcaagt	gatccacca	cctcggcctc	ccaaagtgtc	gggattacag	48720
gtgtgagcca	ctgcacctgg	ccccattcat	tctttccccc	caggggctgc	ccatcctttc	48780
tagatatgca	ccccaccat	tagaatagaa	tccaggttgg	gtctttaaaa	gagaaaccaa	48840
tactgccctg	ggcaacttta	cgttagggaa	gaatgttttg	gattttaaatc	aaaggttagt	48900
gttttagggc	ccttctgcag	gtgggcaggg	gcccagaga	ctaaggggtg	agacactgct	48960
tggccccagg	gtcacctttg	ggcatcaggg	tcacacagtg	cacactcctg	caggtttgtg	49020
caggtttctg	atgcccccta	tcttccctcc	aagccggtea	ctcccattta	aaaaaaaaaa	49080
aaaaaaggca	cctacaacct	tctggcgatt	aggccaaatc	ttagagtcag	cataaccctt	49140
ctctttctct	tattcctcca	tatcccaacc	atctacaaaa	cctgctggct	ttagcttgtg	49200
atgatggcta	ccatgctatc	gcctggccac	accgtccga	atacggaggc	ctgggctgcc	49260
atcatccctt	cttgactgtg	gcaatcacct	ccttgtctgt	ctccctacat	cgactccctg	49320
cattgatcct	gcacaatcca	tgtcaccagg	cagccagagg	gatcctttta	aaatattaag	49380
gcaaaaataca	taaagtccct	tgtgccaaac	cccaccccat	ctatctcaga	atatgaccca	49440
gatgtctttg	ccatgaccca	tgaggccctc	cataacctca	gtctgagctc	ttctccttgt	49500
tccctccatg	ctgaccctcc	tagaacaccc	ccagcacact	ccaccacagg	gcctttgcac	49560
atgcggttcc	atctgcctgg	aaacttctct	ccctggatgt	gcacatggaa	gactcattta	49620
attccttcag	gcctctgatc	aaagggggcg	catctcagag	aggacttcca	catccccag	49680
tctaaagtaa	accctccagc	cacttgatat	ttcaagtata	tgtgcacaca	tacacacata	49740
tgtctatgtg	actgtacttg	cgggggcagg	ctgtacttgt	ttttacttgc	ccctcccacc	49800
ccgccagctc	cccgagaaca	gggccttggg	ctttttcatc	cacagttgca	tcgctggtgc	49860
ctagagcatg	cctggcacgt	agaaggtgct	ctgaaaagag	ctggagtgtg	attaaaccgt	49920
ggaatcttct	gagagtgtc	cctccgcaga	gaactcgggg	agacagaagc	tgcttggtcc	49980
agggcatctg	attccagggc	ctggacttct	tgtctggtgt	ccctccagga	aggtgtccct	50040
aagagaataa	gttgtaactt	ctcttctcag	tacaaaggat	ctttttgtaa	ttctctggca	50100
tgggaaccat	tccagaagcc	ccagagtcac	caagcttggc	cacactgaac	acacttccta	50160
gaacgagcct	caaagtgttg	ggtctgccc	tctccagaca	cccagttcct	ggacagtcc	50220
cgcaggcagc	tcccctgtcc	atcaggacag	agctggacaa	tcaaggtgtg	gggcttgggtg	50280
catctgaggg	ttcatctcgg	gccaccccc	ctccagtgtg	gaacctgcag	gccaaggagg	50340
ggacgtgact	ggccactgag	ggcattgcag	gcaaagccgg	ccaggaccgg	ctttctccca	50400
ggccagggcg	ctttcctgat	ggaagtttcc	ggaagccttc	atccaattcc	attcgttcac	50460
tcttcttgca	agtcagcagg	gcagaggcag	gggcagcaga	gccccacttg	gcaaatgaag	50520
aaactgaggc	acagccaagg	tcagtgtact	acctttcttc	aaagagctca	ttactgcggg	50580
gcccccagtg	agtgtattaca	gagtgggtcc	cgagccatgg	cctgggcttg	gtcctggttc	50640

taccactttc	aagctgagcg	aattgctcac	ccctgtgtgc	ctcgttttct	cacctgcaga	50700
acaggtaata	agcataattg	acccgtggct	tttacgagca	cagtgaacc	caggcatcag	50760
caatgggagg	agcccagccc	tggaggcaga	tgccagttcc	accccacccg	gccctccgcc	50820
caccagctcc	caggctcccc	taccctctg	cagatggagg	tagcggcagt	gcctcccaca	50880
cagggcagtt	gcgagaattc	acgatgggtg	ttgttgatt	cgatgtgttt	tcgacgcttc	50940
ttgtttcggt	ttgtaaatca	actagagcag	tgccctccaca	cggcaagctc	gatgtaagta	51000
tttgttaaat	aaaaatatag	agaatgcatg	taagggtgctt	agaccagtgt	ctgatgtgag	51060
tgatgcttgg	tgagtttcag	ctgctctgac	ttttagtgac	aaggaccaga	gcgtgagtcg	51120
tcctgacccc	cctacttccc	ttcctgccat	ggtaaccccc	aggccacatc	tcaggctctc	51180
agggctcgccc	agacacggtt	tctccttgga	ggtcgccttg	ctctctctgc	tcccatatcc	51240
cactgtctgc	ctcctccaga	cactctgtct	cccacacatg	cgcacactct	cacgcccac	51300
atacacactc	tcacacacac	atacatacat	tcttacacac	aggctcacac	actcatacag	51360
tctcacacat	acacacacag	actcatacac	acacacacat	acacacaggc	tcagtctcac	51420
atatacaggc	tcacacacat	acacagggtt	acatacacct	acacttacac	acattcacgc	51480
acacatacac	gcacacaggc	cccaacacac	ctacactcac	acatacatto	acacacacat	51540
gcatacatac	acacaggctc	atacactcac	atacacacat	acacacatto	acacatgtac	51600
agactcacat	acaccctcac	tctcacgcac	acagtccat	acacattcat	aggcgcacat	51660
atacacacac	tgtcaccctc	tcacacgcac	acgtgtcccc	tgagacacgt	gctaccacc	51720
gcgtcctccc	tgaagctccc	ccccctccct	gctgcccaga	tgcccagctt	gggggctgcc	51780
tgactgcca	ggactcagct	gaogccctgg	ccgggggaag	ctactgggac	tcgcccctct	51840
gctgagacaa	aacgggctgc	acaggctcct	catggtctcc	ctgcccacc	cactcctggc	51900
tttgtgccct	tcccagcagc	cataaccaac	cccagccgtc	tgctcaggcc	tctggtgctt	51960
ccccaaaccc	aaccagaga	cgctggcagt	gctgtcacc	tgccaccagg	cactcaaggc	52020
agtgtacaac	tgcccccagg	caggctggac	tctggtctca	gtcagaaccc	ggagaaaagg	52080
ccacagactc	cacggggcaa	tggaaagaaa	cggatggacc	agtgtaaaa	ggctaaaagg	52140
cgaccagctc	ccacagtgcg	gcctgagccg	tggaaaggaca	agggccacag	tcacacccat	52200
aatcctcctt	ctctctgctg	gaacacctgg	ttggccggag	tcaccogagg	ggcttcggga	52260
gtgccgtgga	ggaggaagct	gcgggtccact	ctgctcttgc	actggctcag	cacagaccat	52320
gggtctcttct	gagacagcac	caggccaggc	tcagagaggg	ccaggactct	gttcccacaa	52380
agcaccgggg	ctggtggggg	acccacctgt	caacagtcaa	tagcagagca	ccagcatgaa	52440
ataatcctgg	agtgggggtg	gccccagcag	gaagccctca	gtccccactg	ggagtgtgtt	52500
gcaggggggtg	gtcggggact	cagggtgggg	gggggggggtg	gtgttgagg	gcaggccttc	52560
cgagcatgag	caggacatga	aaagaaagga	ggcaacaggg	gtgggggtggg	aacacagcca	52620
gagccaagaa	cgtacttagt	gggagcgaga	aggcggtttt	ggtggataga	gtggacaggg	52680
agaagtgaga	accaggttag	agaggggctg	gaaccagag	ggcagaggcc	tgagatgcc	52740
atggcagagc	gtgactatg	tccccttgat	ttaggcattg	cctgccacct	gtctcatgga	52800
gggcagcctg	ggatggcatt	gaacacttta	aagatcaatt	tattttttta	ctatataaat	52860
ttatttcaac	agcaaacttt	atatgcttaa	gtttattgga	aaacatttaag	tagaaaccaa	52920
agcaacatca	tcaattgcag	gtaggtacat	acgacggcct	accaaagaca	ctaggcccaa	52980
ggctggctct	ttcttggttc	cagatggaga	tgaacagtgt	tggaaagggtg	ttaagattat	53040
tagcaccaaa	ctgggactct	tctccttgag	acaatggact	ggctttctaa	ccatgtgtct	53100
ccatgttatg	gcaagaagat	ctgagtcacc	cagtgtcacc	tgtcatcatc	cccaggggag	53160
cagatgctgt	tcgtgccctc	cacatagccc	tggaaacctc	cagcaggctc	agagccactt	53220
ctaactgcca	atatcttctt	ctttttgcct	gcaggctttt	gtccatgacc	tcagcagtc	53280
actctaccca	cacctgtggc	aggtgggagg	tgccagggga	ttaacactca	cctccaacaa	53340
ccccaaagta	ataactcata	ggagtgggtg	tataaatacc	gctgtccct	cgctcctggg	53400
attcctctat	tgtgtgtgat	ttctccatgg	gactgaactc	cagctgtcct	ctgcaccagc	53460
tggtgaata	ctacgccctg	aattggcctc	ctccctttcc	tgttgccgtt	cctaaagccc	53520
tgccagagct	tctgagggtc	acctctcaaa	taaactactt	gctctcaaat	tcttgtctcg	53580
gaatctgcac	ctgggacaac	ccaaactaag	gcatcaacca	tcagtgacat	ctgtcccacc	53640
caccctcaag	gtcagacccc	aaacctgaga	gactcagtc	aaagagaccc	agaagacagc	53700

ttggccctta	taactagatg	agaaatcaac	ccagaagaag	cctgcatggc	aatttataat	53760
gggaggggtt	ggatttttct	gtgaaatatt	ttcatatggc	attgattgct	gacagtga	53820
ctagaatgaa	atcaatcaga	tctgcagttg	gaaaagctca	ctctggctcc	tgtcgtgaaa	53880
cgtggatgtg	ggcgggtgcc	tgggtctgcac	agggagctgg	gtcgggtacc	actgcagttg	53940
tcagaggtga	ctggaggggt	ggccgccctt	ggcaggtatt	taggaaggac	aatcacaagg	54000
aatttgaaat	ggattaagcc	aggggaaggag	attgaggagg	aggtgatttc	tgacttataa	54060
tggatagaag	tggcagtcac	tccaaaggca	aacacagcag	gaggagcagg	tttggaagg	54120
aaggtcagga	gttcagaccc	aggcacactg	gcttgagttg	ccttcaaaac	atccaggtgg	54180
agatgtcaag	atgtctgttg	gataaatgag	accggaactc	agaggagagg	caagaacaac	54240
agtgaccatc	gccctgcaga	cataaatgag	ggaaaggggtg	tggattttta	gagtcgtgta	54300
tgtatgtttc	ttttttcttt	ttttattttt	atttacttgt	ttatcttttg	agacaggggtc	54360
tcactctgtc	gccagggctg	gagcacagtg	gcacaatcat	ggctcactgc	agccttgacc	54420
tcctgggctc	aagcgatcct	cccagctcag	cctcccaagt	ggctggaact	acaggcacgt	54480
gcacccatac	ccagttaacc	tatggttttg	ttttgctttt	ggcagagaca	gggtttttgcc	54540
atgttgccca	tgtctaaact	cctgagctca	agtgatccac	cggccttggc	ctcctcccaa	54600
agtgtctggga	ttacaggtgt	gagccaccag	gccagccat	gtttcttaaa	aaaaaaaaaa	54660
agtttaattt	taaagaagtt	tattattttca	tttctatgga	catggaaaaa	aatgttgagt	54720
tatgatacaa	tatacaaaaca	taaaattttac	catcttaaac	attcatttat	agacacttga	54780
gttgctttca	ccttttggtc	attgtgaata	acgctgctat	gagcatggga	gacaaatctc	54840
tcttcaagtc	cctgtttttc	agttcttcgg	ggtacatacc	tagaagcggg	atggctggat	54900
catatggtga	ttctatgttc	aattttttga	ggaactgcc	tattgttttc	cacagtggct	54960
gcacccaaag	gttttacgtt	cccaccaaca	gtgtacaaga	gttctaattt	ccccatagcc	55020
tcaccaacac	ttgtgatttt	ctgggtttttg	acagtagcca	tcgtaaaggg	tgtaagttgg	55080
tctggccaag	gtttttgaac	tacagatgtc	acaaagatac	agagcaagaa	aaggacttat	55140
gcaacatcat	aataagccag	ggagatgttc	tggtcatacc	tacatcatta	tcaacctcat	55200
gaacttggat	cagttggggg	tgtctcttggc	tacaagtagc	aatgttatga	aagcatttgc	55260
tgtcttggtta	ataagaactc	cctgggctgg	tcttttctgc	tcagtcaggc	tcagccgatt	55320
ggtgacagtg	acattgccct	tcctggccat	acgttgactc	ttcaatgcc	tgcataatgtg	55380
cgtcaggac	cacacataga	gcagcaggaa	gggggcatga	ggcaggcccc	ctccttccaa	55440
gattctggcc	tttttaacag	gaagaaagtg	acttccccaa	aaaccagcaa	atacttccctg	55500
acatctcatt	ggcaagaagc	agtcaagtgc	ccacgcatac	gactggcgca	gggtaagcgg	55560
tgtagtttaa	agcagggatg	gctgggcccc	accacagag	tttccgattc	agtgggactg	55620
ggatggggcc	caagatttgg	catttctaac	aagttccccc	gtgatgcaga	tgtgccagt	55680
ccaggggcaa	cacttcgagg	accactggct	tcagtgatct	tgagctgggt	acgtgaccac	55740
ccaaaccaat	caaagggaaa	aaggaggtag	gtgggtgaaa	atacaagact	ttctgtcaca	55800
aactctgtgg	agctcacttg	tatctttttt	gtcactaga	ctctaggccc	cctggggagca	55860
aggggtcacg	aaagtacact	ttttgggcct	tggggtcttg	atacagttac	tgtgacttgg	55920
tggcaacttt	aaacagattt	ttcaaagtga	tggataaatg	aacatgtcac	caaagatgtc	55980
caaggctgct	gcacctcaa	gtcaccttga	tcaaaacacc	ctcctggaac	ccatgcaggc	56040
agcctccaaa	acacaaagca	ggctgggcac	agtggctcat	acctgtaatc	ccagcacttt	56100
gggaggccga	ggtgggcaaa	tcacgaggtc	aggagtttga	gaccagcctg	gccaacgggg	56160
tgaaccccca	tctctactaa	aaatacaaaa	aattagctgg	gcgtgggtggc	aggcgctgt	56220
aatcccagct	actcaggagg	ctgaggcagg	agaatcactt	gaacccagga	ggcggaggtt	56280
gcagtcagcc	gagatcgcac	cactgcactc	cagcccgggc	gacaaagcaa	gactcaaaaa	56340
aaaaaaaaaa	aaaaaaaaaa	aacaacaaca	acaaaaaaa	aaaaaacaca	aaacacaaag	56400
cagccccctt	tctaccagga	cagcagctcc	cctacaaagc	agctcaggtg	tcttccctgt	56460
cagcctgtcc	tcccggggag	gctggctccc	tgtctgcag	tgacactgca	gggtcagaac	56520
tcagcctgtg	gataacccaa	gaacaatgcc	tgtttggggg	tcttcaccgc	tgacacagag	56580
agcctgtggc	catccatccc	aaatagtgtc	tgttagttgc	ccactgggat	gtggctccct	56640
gttgaagtca	aagaaacaag	cccttaattc	actaatcgcc	taaacagaca	ccaccggctg	56700
agaactccaa	tagccaggcg	tgtgatgcct	tatgacctcg	agtgaatgca	gctgcaaaca	56760

gccagtacct	gttacatatt	ccttagccac	aggggaaact	tctggaaggt	tgctagcatg	56820
gaatatgatt	aatgaagaag	aaaatgcctt	atccttctgt	tctacattca	cactcacatg	56880
tgatccacgc	agtggtcctg	aaaggatcca	aggctggggg	agatctggga	gtccgttttac	56940
cgacaaggat	ctgctactca	gagctgacgt	cccatatatg	tgcaagtgaat	attcaatcag	57000
cagtagctgt	gatactcata	aatcactcgc	tctgaggtga	aggggaaccg	actaggataa	57060
gccaggctca	ccccagaggc	ctctgctgca	agcctggttg	gcagcccagc	ccttgtgggt	57120
accaggacct	gccagagcca	cagacgaccg	gatataagca	caaattgatg	agtcacccaa	57180
gagccatcgc	agggtgagga	cagacctggg	tgccaagtgg	gcagcgattc	catcaagtcc	57240
tgccagagga	ccaggctgtg	acggacagaa	gacactgctc	aggtcagact	cacgtggcaa	57300
ggcaaggtct	tgctggaagg	caggcaagga	aatgctccag	caggagccca	gcagagaccg	57360
gccctgggtg	ctgatcagga	ccaagctggc	cccagcctct	gtccaggggt	gtacagggct	57420
cagggagctg	cgccaaggtg	gaacaagagt	agaggccggg	ggcgggtggc	cacgcctgta	57480
accccagtac	tttgggaggc	cgagggtggc	agatcacttg	aggtcaggag	tttgagacca	57540
gcctggccaa	catggcgaaa	ccccatctct	actaaaaata	caaaaattag	ctgggcgtgg	57600
tgccgtgtgc	ctgtaatccc	agctacttgg	gaggctgagg	cagaattgct	tgaaccagga	57660
agtcggaggt	tgcaaggagc	cgagatcaca	cccctgcact	ccaccctggg	cgacagagca	57720
agactccatc	tcaaaaaata	ataaataaat	aaaagagtca	aagccctggg	tcctcttctc	57780
ccctgtgtta	gccttactat	gtgttcttgg	gggtggtgct	tcactcctct	ggaacagtga	57840
gcctcacata	cctgactctg	ggccatgcag	gggccaggct	gggcctcctc	acacccactg	57900
actccctgct	agcaacccca	gttcccctct	cccctcccc	caccctaact	tccagggcag	57960
ataggatgta	tgcaactggg	agtggacaca	gtgctctctc	cagccagggt	gaaatgggac	58020
cagcacctcc	ctcgtcacc	cctccccaga	cactgtccac	agcccagatg	ggctttcatg	58080
cacctcgga	gccggcctcc	cacctctctc	ccaccaccgc	aacccaaaact	gcttctgtgg	58140
atgcctactg	gcattgtttg	aagttacct	cacatttatt	tcagggtcaa	ctagtctctga	58200
gcacctctgg	ggaaacctta	taccactctc	cttttcccc	aggactcccc	aggagcgagg	58260
agttctcagc	cctggcgag	gctggagcca	cctaggcagc	tttgaaaacc	acccatgcc	58320
gtaagggatg	gaactgggat	gctgaaaatg	ttccaaaacc	agatgacagt	aatggttgca	58380
caacttgga	catttaaaaa	tcattcaatg	gtacacttaa	gatgggtgaa	ttttatggta	58440
tgcaaattat	acctcaataa	acttgttttt	aaaaaaaaaa	atacccaggc	ctggatctat	58500
cactgaacca	ttaaatcaga	atctctgatt	tggggcctgg	gctgagattc	ctgctctggt	58560
gtcacctggt	ggacatctct	ttccactgtc	accatcactc	attcacccctg	ggagaagagg	58620
agtgaacccc	cgcccccccc	ggcgccccaa	ctcattgatg	ggcatatcca	tttctctagag	58680
cagttataac	aataaccatg	aactgggtga	ctcagaacag	cagtaattga	ctctctcata	58740
gttccggagg	ccagaagtcc	aaaatcaagg	tgccagcagg	gccacactcc	tccaaaggct	58800
ccagggaggg	tctttccagc	tgtggtgggc	tgccagaagc	atcactctga	tctctgtctc	58860
ctccttcaca	tgaacttctt	ccctgtatct	ctacgtcccc	actctctctg	tctctttttt	58920
tttttttttt	ttttttgtga	gagagtcctg	ttctgtcacc	caagctggag	tgcaatggcg	58980
caatcttggc	tcaactgcaat	ctctgcctcc	tggattcaag	tgattctcct	gcctcagcct	59040
ccctagtagc	tggtgattaca	ggtgcacacc	accaagccca	gtactttttt	atatttttta	59100
tagagggtgg	atttcacat	gttggccagg	ctggtctcaa	actcctgacc	tcaagtgatc	59160
cacctatctt	ggtctcccaa	gtgttgggtt	tacaggcatg	agcgaccatg	cctggccccc	59220
actttctctt	cttagaagga	taccaatcat	tggattaggg	tccaccctaa	tctaagtatt	59280
acacctcat	cttaactatc	tgcagctgca	aggcccccaa	ttccacataa	ggtcacattc	59340
tgagtttctg	gattggcatg	aattggggcg	gggggacacc	gttccaccca	gtacagtaga	59400
aatgctagct	gagtcaactg	cattaaagcc	ggtcatccca	ttacctatat	tacatacaca	59460
ctttcctggg	tagactacct	tattttattt	cagttaaatg	caattttttt	cgtcaaaatt	59520
tccaagactt	ctgttagttt	cctaactgga	gtgtagtggg	gcgatctcag	ctcactgcaa	59580
cctctgactc	ccgggttcaa	gcaattctcg	tgctcagct	tcccagtagc	ctgggaccac	59640
aggcatgtgc	caccacaccc	agctaatttt	gtattttttg	tagagatggg	gtttcatcat	59700
gttggccatg	ttggccaagc	tggctctgaa	ctcctgaccc	cagacaatct	gcccacctcg	59760
gcctcccaaa	gtgctgggat	tataggcgtg	agccaccacg	ccagtccta	actcattatt	59820

tttttattgc	agcttttaggt	gaaaagcatt	tttacctaca	tgccctcgca	tatggacatc	59880
cagtacccaa	tattctcttt	ttaaaaatgt	acaggctgct	gggtatgggtg	gctcatgcct	59940
ataatccag	tactttggga	ggccaaggca	gaaggactgc	ttgagcccag	gagttcgaga	60000
ccagcctggg	caacgtagt	agacctcatc	tctacaaaaa	aatcaaaaaa	atagccaggc	60060
gtggtggcat	gcacctgtgg	tcccagaaac	tcaggaggct	gacgtgagag	gatcatctga	60120
gcccagaagg	tcgaggctgc	agtgagccat	gattgcacca	ctacactcca	gccccgggcaa	60180
cagagcaaga	ccttgccaaa	aagaaaaaaa	aagtacaggc	cagtaataag	gtaaaattca	60240
caacagagtc	tacctaccag	agtggagtg	gagggaaatcc	gcagagtcag	acctttgcca	60300
gcggtattcac	tctcatttag	cagaggggaag	tctctgtttg	tctctttctc	tccagggttcc	60360
ctgctctggc	tctgtgtga	gcttccaagg	gctggtctca	ggggtgagaa	tcaaaatgtc	60420
taaccacagg	ccctgactca	tcagcccaga	tgctgctgt	aaacaaccag	agctttttcc	60480
aggcaaatgt	tgacctagct	ggtctcacac	agggcagcat	cagcacttcc	aagaagttct	60540
cccaggggca	ttgtgcttg	agacagtttc	tgtgtgagcc	tgtgaacagc	cagtgggtgct	60600
taaaatcatg	ggcctctggc	cagcctattc	aacattaatc	gtaagtgtct	atgaaagggt	60660
ggcggttagat	gccagattct	gttctacgct	cttggtatat	aagctcatta	ataactcgca	60720
acagtcctag	aagggtggaga	gatgattgtc	attgtcccta	tttggcagggt	gagtttaagg	60780
aacacaggcc	cacagtaaca	cacagttgg	gcgtggtagc	actgggattg	aagctgtgtg	60840
gatttatctc	taaaaactag	ggtccagtc	ctccatttta	ccacctcttc	tgtttgaaaa	60900
catcacatat	gggatattca	ttccttcatt	taacaaatat	ctgtcgagt	tctactccat	60960
gcaagacagt	gttctgggca	ctgcagctac	aacagtgaac	aaatggccac	ggccctgct	61020
ctcctgcagg	tagtgtgggt	ggggagtg	gagggggaca	tagaccgcag	tcacagacag	61080
aaaataaaac	cagaatttca	gatagtggta	tgtcatagga	agacgctaaa	atggggagg	61140
aggatagagt	gattgggaag	catttttag	tgaacagac	agggacaaac	tctcccaagg	61200
ggtgacatta	tgctgaaacc	caagtaatga	gaaagagttt	ttggagcaca	atctggggag	61260
agagatgcc	gggagaggcc	acagaaaagt	caaaggccct	gaggcaggaa	aaggcttgag	61320
gaacaaagt	aaagatacct	ttgtgtctct	gtgagcaagg	gagtgttac	ggaattactg	61380
tcctttcctt	tggtgtgata	ataataggga	ggtcacctgg	gaaaacaact	gattcttag	61440
agatgcctgc	ccaagtcctg	aggggtaagt	tgtcatcatg	tctgcaacca	cctctcaa	61500
gtttctgcaa	cttataaaag	acacatggca	aaatatttag	aactgttgat	tctaggtgga	61560
gagtataagt	gtgtccactg	tactattctt	tcaacttttc	catgtgaaat	tgtcataata	61620
aaaatggaag	caagacagca	gcgaaagatg	ttggagtggc	aggcaggagc	aggatcgct	61680
ctccatctaa	gaggaggaga	ttttaggctg	aagagtggcg	tgatctgggt	tcctttggca	61740
tcattgcctc	aactgccctg	gatttcaaag	tctggctttg	cagaccatga	aggagtatct	61800
ctctcaggag	cacaagacag	catgtttcca	attctgattt	agtgaacact	cattgtgtac	61860
cttccagcca	ggcgttgtgt	gtgcgtttta	cctttatcaa	tctcaactaa	tccacatgac	61920
agccagcaat	gtcctcgata	ttatcctcat	tcttaagatg	aaactgaggc	ccgggaagat	61980
cagccaagga	ggggccagac	agtggaggca	gagcctaggt	tcgttagaaa	cctcagccct	62040
ggggggggccc	taagtcatca	ttccactttt	actaaatcac	catcaacatt	catcataatt	62100
gattaattaa	ttatgatcaa	agcttaaagg	tgatttttct	gaaatacgat	tgcaaaacta	62160
gatgcactgt	tccagagaga	gcccataaagt	gaattgcact	aatggtcaaa	tgatcctgc	62220
ttttccccct	gagaaaacta	tcattccaaca	gagttccaag	cactctccct	tgtccacaga	62280
gatctgcagc	tgtgtgcct	ggggccacat	tactcatttt	aatattcaat	tgacattttg	62340
ctgatgctgt	ctgtgtgcct	ggatttcac	acatcacaaa	atatgtggaa	cccacatctt	62400
taatctttct	tgctgtctta	tccaaaggaa	aaccactagt	gtggtgaagca	actagacaaa	62460
ttgtcctgtt	atctgcgttc	ttagaacagt	atcttaactg	gaggcagccc	tactgtcttt	62520
cactggtaag	aattcagaat	aaacatcatc	attctttgaa	atcactcata	agcagcccc	62580
aggagactgc	aattataccc	gtttataatt	ctcctccctc	ccaaactaac	ccttgattca	62640
taaatgtgca	cttttcggcg	tcaggcggtta	gaataaatta	gactatacaa	ttatgtataa	62700
ttaaagggga	aaatgggtac	cgtgctgcaa	agattagccg	tgttttgctg	aagtaaagca	62760
tgtctgtgtc	agcgtgctgg	cccaggagg	cagcatgaaa	tacaattaat	gttcttctta	62820
cttaatgggg	gtttatggta	ctgtttttca	ttatcacagt	atctcaagaa	atataaacag	62880



tttttctcta	acgcaattgc	attttctactg	acaacacagc	ttgggtctaa	atgaaaattc	62940
agcagaatta	accacagggt	tatatgttta	tggatgatcc	tggaatctgt	attttaaaag	63000
ccatgcaaaa	ctgtgtgcac	tcaggagccg	agaagtttga	tctcaacctc	ctgagagtgg	63060
ttctgcagcc	tcttctgctc	ttgtagaagc	aacttacagc	caaacttggtg	tgcattatta	63120
aagccacctg	tgcccagta	ctacggctag	cattcccaag	cctcccgtct	gcagccatgt	63180
tccttcttct	aacgtttctc	ctttacacgc	caatttgttt	gagacatgtt	aaaagcttga	63240
cttttacaac	cctcataaaa	tcccatcgac	tccaacccaa	atccagccag	aagtgtctcg	63300
acaatcagat	tgagtttcaa	ccacttgatg	gagataaaga	aacacatagc	aagaatgatt	63360
ttttttattg	ttatatatga	gtcaagggaa	taaaacagca	actccggcct	tgcaagggag	63420
atagaaccgg	atggctgttc	tgcaaaaaag	ggctgccaaa	gaatctgcag	aggggaagaaa	63480
cgaggcatgg	aggcgtcaag	agaaagggtcc	ccctgagggt	aaatcaacaa	tgctggggag	63540
aatggggcgg	catgaggagc	ttgaaaagct	tgattgtcca	gctaggatgg	tcaggatcat	63600
accaagagat	gtcatggggg	atgaggggatg	tgggaggaga	aaagctgtct	ccgtgtgggt	63660
ggaggcggca	ggggtctggag	tatcaggagg	ccgtgggggt	gccaggatt	ctgctgagcc	63720
ccaccgaggc	ccggtctgagt	gacttcccag	gctgggggac	atgtgagccc	tccggggccc	63780
tcatgtatcc	caggcagaca	ctgagctcca	agctccgtaa	cggggcctgc	ggtccccacc	63840
ggcctggaag	gacctggaaa	acaggctgag	gccttgaacc	cagaggacca	gggagtttgc	63900
tggaatttat	ggggaagaaa	cacggccaga	ggagctttgc	agaccctctg	acctcatggg	63960
tgtctgagcc	agttaagtcca	gactaaaacg	catgaccat	agcacctgcc	tacaatgaac	64020
acacacatac	atgctcggac	acacagggtac	acatgcatgc	acacacaaga	tctgtccccg	64080
tctacttaag	gaaggataag	gggccaacat	agacgttacc	atgtttggta	atgtccagca	64140
acaatggaaa	caacatatcc	aaaaagataa	gcaaatgcc	cgtgtccgcc	aggcccacag	64200
cccagaaga	agggattgta	agcatcccct	ctctgactgg	ggttacctga	cgagcagaga	64260
aggatggagt	gaaacattgt	gggcaggatc	cttatgggta	tgggagagcc	atgttcagga	64320
actcgaggac	ctaagggcac	agtgtggtaa	tgacgtggg	tttttttttag	actttttttg	64380
ccgtggaaat	ttccccacc	ctgaaatatt	ctccagaacc	caacataaaa	agtaggagg	64440
aggcagatcc	cattcctggg	cctccctcca	ccaccccagg	cccagaagc	accaccaagg	64500
ggccctgagg	attcagtaag	aaaattgctt	ctgcagtggg	gtacatgtcc	ccaaaccagg	64560
gacagcatca	aaagggttga	aatcccactg	gccaaagttt	tgactatagg	caagaccctt	64620
tatctctctg	agcatcagtt	tgtttgaaag	attgtcagga	ggattacatg	aatgaccctg	64680
gtgaaacag	ccattgaccg	cagaacctgc	cagagtgtca	ctgtccagca	tgggaccctt	64740
gagccacatg	tggtgtgtcc	caattgagat	gtgtgttaag	tttagaatgt	acaccagatt	64800
acaaaactta	gtaagaaaaa	ataatgtaaa	aatatctcat	taattttata	ttgattacat	64860
gttgaagaga	tcgatttttg	atatactagg	ttaagtaaac	tatattatta	atattaaaat	64920
taatttcacc	tgtttttttc	agacagggtc	tgactgtcac	ccaggctgga	gtacagtgga	64980
acaatcatgg	ctcactgcag	ccttcacctc	ccaggctcaa	agtgatcctc	ccacatgagc	65040
ctcccagta	gctgggacca	caggcacatg	ccactatgcc	cagcctaatt	tttgtatttc	65100
ttgtaaagat	ggagtttcac	catgttgccc	atgctgggtc	ggaactcctg	aactcaagtg	65160
atccgcccac	ctcggccttc	catactgctg	ggattacagg	cgtgagccac	tgtgcccggc	65220
cctcacctgt	ttctttttac	tttctaattg	cactactaga	aaattctaaa	tgatatatat	65280
gtccttctgc	agagatgagg	cgggaaggaga	gggtctcca	ttattttttcg	gtctatgatg	65340
gtgaagcctg	acattctgtc	ccaggggcaa	gaaggtggga	gctgttcagc	cttatcagtg	65400
atgccaaagg	tagggccagc	acctgacttg	gaaaagcaag	tgcaaggttt	ttctgattta	65460
tttaggctct	aacttgattg	gcgtggctaa	cagaggttat	ggggaggagc	ctagagctcc	65520
aaaccagtc	aggagatccg	atttgaattt	cagatttaaa	aatgaatgat	tttttagtac	65580
taacttcctc	cccgtggatg	totatattta	tttgtaagt	ctgacaactc	taccatggag	65640
gatcatatca	gagaaaggag	atgctaggtt	gaaaagtaaa	aacatcctag	gatttaagag	65700
catgagccgg	gagctaaggc	ttcttggctt	cacaggatcc	accacgaata	actgtgtgat	65760
cttcggacag	ttactaaacc	tctcttgggt	tccatggtaa	aacgggcata	gtaacttact	65820
gtgtgagatt	gtcacaagat	ttaataagtt	actgctgttt	acaagtgcct	tcccacagcg	65880
gcgtctgttt	ccccttagct	agcaactcgg	ctgtgttttc	tgcagctgct	ggtgagttct	65940





gcatcactgc	tgcagctgag	ggtcaatgtg	ggtttggggt	ttgggctttg	tgtgtacttc	69060
ttggggtttt	tatttgaatt	tatggctttt	tctgaaaccc	taataacatg	ttaaattttc	69120
aaacttgaga	gtagagtgat	gagttgactg	taaaagtctg	gtcttggagg	aggacagcat	69180
agcagtgtgt	gtgcatgcac	gtgcatgtcc	cccagttcag	ctgctgtcca	aagaaccacg	69240
ttgatatgca	gtttcacacc	tgatttggac	ctgatttggg	agataacatt	tccttctcac	69300
tttttctggc	actggttagt	ttatctgctt	ggacctgcct	caagagggca	gctgggttaa	69360
ccaggcagaa	tatcacccaa	ctctgtcaag	ctttggccat	tatctgacct	tagactttag	69420
tcctgcagaa	ggagtccaga	agccctgtcc	tacagaaaaa	tatcagcatt	tctgaccagc	69480
ttgtagttaa	aagaaaagggt	ttagtccaga	cttaagataa	ttggtaacac	ttaagtagtt	69540
ttgtatgggc	ctgatctgag	gcattgatct	aagcccttat	accttactca	ttaaattccac	69600
acaaataccc	tgttaagtaa	gtactgccat	tgttgccata	ttaaagatga	ggaaacaggc	69660
acagagagga	ttgtgacttg	cctacagctg	gtcacaggta	gagctgggat	tcaagaggcc	69720
ctcaagctcc	gggggtccact	tggaaccact	ggactctcct	ccatgacctt	ggcctttgtc	69780
ccagatgtag	aagaaacaca	tatgcagggg	aagaaaaacac	cttcagacag	tcaaactttg	69840
caaagtaaaa	ggcccttaac	tttccataaa	ccccactgt	tccgacagag	agtccgggtt	69900
tgtatttgag	gttttttgcc	ccaaggaaaa	catgtgtctg	cctggtgctt	tttcttctgc	69960
ttatgagcag	acacactgtc	ccctccccc	gtcaaaatgc	aaagggaaac	atcaaattgca	70020
gctgatggaa	aagccagggtg	aacctatggtg	aagatttcag	ccactcaga	gcacagtggc	70080
cagagagcaa	aagctctcct	agaggtgaga	ccttctctgtg	gttggatgatg	gagctctgat	70140
ggcctggccc	tgggggtgggt	gccaggggtgc	tctgtgtcag	gcctgggcgg	atgtggaaga	70200
tgggggcctc	tctcaatgct	gatctgcagg	tgagggggcc	ctccctgaaa	cctgctttct	70260
ctgggcctcc	ttggaatggg	ccttgggtgga	gatctacaga	cagccctggc	ccagccggat	70320
tgaaggcact	gtctaatttg	gagggcatta	agatcgttat	aattaatttg	catcccata	70380
aatggcatgg	ttgcctaatt	ggggtgggtt	ctagggaaacg	aggcctcact	tggagcctaa	70440
aggggaagaa	gcgctgggct	ggccacagtt	gggtgtcagg	gtacagatcc	agcagtgaat	70500
ggaccggaag	ggagagcagt	ccatccgtat	ctgctgggtg	ttactgagca	gctgctgtgt	70560
gcaagttgca	aatggagtat	cagttagggg	tacttgccct	gaagaactgt	aaagtaatca	70620
ggttcccttc	tcttgcaagc	aacggaaaaa	gagaagaaaa	aaactcaagc	cagcttaagg	70680
agaaaagaag	tggacttact	ggttttcata	accaaaagtc	ttaaggtgac	taactctagc	70740
ttcagacaca	gctggaccca	cagctcagat	tttghtaatga	gaatccattc	ctatccaccg	70800
ctcctctgcc	ttccatgagg	ctgatgtctc	tcagctctctg	gggggggcag	tccttggcag	70860
ctgtgggcac	cgtggetagg	agagccagac	tgcttggtc	cctgcccagc	agtgggatct	70920
ggggcatgct	acttaacctt	tctgtgcctt	gatgttcaca	tccaacaaat	gatgatgatc	70980
atagcacctg	tctcctgctt	gtggtaagca	tgaatgaga	tgatcaatgt	caagtgccta	71040
gcagggcgtc	tgaccaggt	gagccttcag	taggcattga	ctgttaccat	aacttaggtg	71100
tcaggacaga	tgtcatggag	cagaggggtc	tcatccccctc	tggtttaagc	ccaaaaggaa	71160
agaacaagcc	tctgatctgg	caatgcacac	ctgagcccca	tggttccctc	tgattggact	71220
gttttttgtc	caaaccagtc	actggctaag	gaaatgagtt	gccaacaatt	ggcttaagcc	71280
aggctcacag	gcctctccct	ggagctggat	ggaggtgac	tgctgagacc	ccaaagcctg	71340
gaataaaaaca	gcacggggag	tccccagtga	aagggaagcc	cggttgctgg	agaggcagat	71400
ggccagtgcc	tgcatgatg	ggccactaat	gtgagcaatg	ctggccagat	ggacccatct	71460
tcattttggc	caaggtggag	actggggaaa	cacgctgcct	gggcaatgcc	tctcccttcc	71520
accagggcca	ggaggcatca	aaggcctgac	ttttctgcct	tactgtctga	aggatggggc	71580
ctggccttga	tctgtgctt	tgggggggccc	aggggcagtg	tttgtctaac	ctcccaccat	71640
gagaatcatc	tggctgtatt	tgtttaaaaa	ggcaaaagacc	agatcctgtt	gaatcaaact	71700
tctagggagg	gtcctggatg	ctgggggggca	tgaccaatat	gtcatgtgta	tattctatat	71760
cagcaggagg	gtttggcgaa	gagagctctg	gagcgtgggc	ctctttgtct	tctgcctaa	71820
tgacggggct	gtcagaaggc	ggggaaaatg	ctctaggcct	ggcgtgctgg	ctcatgccta	71880
taatccagc	actttgagag	gccgaggtgg	gaggatccct	tgaggtcagg	agtttgagac	71940
cagcctggcc	aacatggcaa	aaccctctct	ctactaaaaa	tacaaaaatt	agccaggtgt	72000
gatggtgctt	gcctgtaatt	ccagctacac	aggaggctga	ggcaccagaa	tcgcttgaac	72060

ccaggagtcg	gaggttgca	tgagccgaga	tcgcactact	gcactccage	ctgggcaaca	72120
aagtgagact	cagtctcaaa	aaaaaattta	aaagaaaaat	gactgcatga	tgtgatgggg	72180
tgaggaggca	ctttaggcag	gctgtcaggg	aggcctctgt	gaggatgtga	cctttgaact	72240
gtgacctaga	ttttaggaag	gagtcgcct	tggaagatc	tgggggaaga	gcagccagg	72300
tagaaggaac	agctagtgc	aaggccaga	ggcgtggga	ggggcctgtc	caagacacct	72360
gccccaaaca	caaatagaag	tcaagtggg	taggccaggc	gtgggtggctc	acgcctgaaa	72420
tctcagcact	ttgggaggct	gaggcagtta	gatcactgga	ggtcaggagt	tcaagaccag	72480
cctgaccaac	acggtgaaac	ctcatctctg	ctaaaaatac	aaacattagc	caggtgtggt	72540
ggcacgtgcc	tgtagtccca	gctatttggg	aggctgagac	aggagaatca	cttgaacccg	72600
ggaggcaggg	gttgctgtga	gccgggatca	cacttctgca	ttccagcctg	ggcaacagag	72660
tcagactctg	tctcaaaaaa	aaaaaaaaaa	aaagtcaact	agggtagagg	gtcaggagta	72720
agtgggggag	ggcacgtcag	agatgagaaa	tacaggccat	gctaagaaat	tttagacttt	72780
attttaata	aaatggataa	ctgtctggac	gcggtggctt	atgcctgtaa	tcgcaacact	72840
ttgggaggcc	aaggcgggtg	gatcacctga	ggtcaggagt	tcaagactag	cctggccaac	72900
atggtgaaac	cccatctcta	ctaaaaatac	aaaaattagc	caggcacggt	ggcgcacacc	72960
tgtaatccca	gttactcggg	aggctgcagc	aggagaatcg	tttgaaccca	ggaggtggag	73020
gttgacagtga	gctgagattg	tgccattgca	ctctagcctg	agtgcagag	caagactcca	73080
tctcaaaaat	aaattaaaaa	ataaaatgga	gaaccattgg	agggttttaa	gtcagagaa	73140
gatatgattt	gtgtttcaag	aagatcctgc	tggtcctgt	gagaggcgtg	ctgtgcagat	73200
ggaagtggta	tcaccgggac	tgtaggcaa	cagagagggc	ccgagagtgg	cttggaccgt	73260
ggtggtatca	atggagatgg	agtgaatgg	ggattggaga	tgtattttgg	aggtagggcc	73320
cacaggactt	cctagtggat	tggattacag	agtgagggaa	agggttttga	ttctcaaccg	73380
agggtgattt	tgacacccag	aaaacatttt	aacactatcc	ggagacagta	taggttgtcc	73440
caactgggga	agggttgcta	ctggcatcta	gagggtagag	gccagggatg	ctgcttaacc	73500
tgcaatgtac	gggatgaccc	cacagtga	aatgattcag	cccaaatatt	catgatgtat	73560
cctgccaagg	agtcaaagg	gactaggcag	cctggtgcgt	ggtgattgct	aaatagggaa	73620
gataggagag	aaggttttgg	ggaggaggag	tgatctggaa	ttccgacgtg	gaaatgttgg	73680
gtttgagatg	aacccacact	ggatgtctga	aagctcagtg	ggtggtgaac	gtggatgtct	73740
gcagccggtc	ggggtcggca	acctaagttt	gggagttatc	ggcatattga	tgttatttta	73800
agctgtggga	ctggacacaa	ttatccagag	agaatgtgtt	ttgttttcta	gtgtggtttt	73860
ctccccccag	cctcccccta	gtgcctgtca	tgaatctatt	tgatgaatat	ttttagcata	73920
ttccacatgc	tcacctctct	gacatttcca	agaagttcct	gaaggctcgg	gctgagcctc	73980
cccttcttca	tcgcctgggt	tctcagtgat	taacagacag	agctaaatat	tcattgctct	74040
gccacagatg	cccttgggaa	attgcttaag	gtcatgtggg	atctcgggcc	ttgtaggcag	74100
cacgatgcct	tctgggtgga	acagctgttg	gcagggcctt	cagagcttct	cctccagccc	74160
aggccagggc	ttcttggaat	tctctgtaac	cagaatgttt	tgaattcccc	acgttctctt	74220
aatgtgattc	caaagcacac	gttgcccagt	ggccctggcc	tctgccatgg	agcgtcatct	74280
tacagaaggc	ctggcccact	gctctgcaca	cctgggcca	gcttgaatct	tagataaatt	74340
ctatcccaaa	ctcagagtgt	ttatggccag	gtcttgtgtg	tgtaagttgg	tggacagggc	74400
catccccagg	gaccacaaat	agtaccaaag	atgtgtttgg	ccatgtggaa	gccagatgtg	74460
ttaggggaag	aatgtggcca	atagcttttc	ttattggctc	atggtcagga	cccagcggg	74520
tgacttgacc	cacccagta	gccagagaag	aggagctttt	ttgtttttga	gacagggtct	74580
tgactgtca	tccaggctgg	agtgcagtgg	cacagtctca	gttcactacc	acctcaacct	74640
cccaagctca	agtgattctc	ccacctcagc	ctccaagta	ggtgggacta	taggcacagg	74700
ccaccatacc	cagctaattt	tttttttttt	tttttggtag	agatgagatc	ttgctatgtt	74760
gccaagctg	gtctcaaact	cctgggctca	agtgaccctc	caaaagtgtc	gggattacag	74820
gcgtgagcca	ccctgcctgg	cctggaactt	tttgaaaaga	gattgaaaaa	actgttagct	74880
cacagaagcc	ttggagatgt	tctgtcttgg	tgaaaatcag	accatctgaa	agccacattt	74940
ctggtctgct	ctcgagacag	atactatcca	tagacttctg	attgcaggcc	acttatctgg	75000
atatttcaga	gaccaggaaa	gcctactata	attcttagta	gcttagagtc	ctgatcattt	75060
taatgtgaat	tgaaatgggt	tcattatgag	gaatcacatt	tctgactgac	agtggcttat	75120

gcaatagaaa	catttaattc	tcacataaca	ccaagtccaa	agcaggggag	tccaggcgct	75180
ggttttttcag	tacaacagtg	tcataccaagg	tcccaggatc	tttcaagcct	cttcttctgt	75240
cctcatcatg	tctttggcct	tggttgccctca	tagtctcaat	atggctgcca	cagctccaga	75300
cgctcgcatca	ccctacaaaag	tgggactata	ggacaggact	ccttgctgtc	tctcttttaa	75360
tcagagagta	aaatccttgc	cagaacactc	ccaccctagc	agactttgct	ttctgtttca	75420
ttgggtccgga	gttgggtttt	gcactcacct	ctaaatcaaa	cactgggaaa	ggacctggct	75480
ccttcctatg	cttcggatct	cagctgaaat	gtcacctccc	tagaatgctg	gaaggacaac	75540
ctgtttttatg	ttttataaca	cttatcactc	tctggaatta	gcctggtttg	cttatttgtc	75600
ctttgtcttc	tctctcctca	ctaaaaagca	agctctgtgc	ttgtagggac	attgtctgtc	75660
ttgttcacatg	ctgtatcccc	agcactgaga	accagggtgg	cactctttgg	atactcagta	75720
aattttttttt	tgaatgaagg	aagcaagaaa	agaaagaggc	ttggagagct	acaggcacat	75780
ctggctagca	tgtttgctcg	aagggtgactg	ctcagggcaa	ggatgtcaaa	acctgttagt	75840
catttgcaaa	aagctaagca	ggtggctggg	aggattggtt	tcatacacac	tcacttgctc	75900
cccagtgcca	gagctggggt	tttgtgctag	cattgcttgc	agaggaagga	tcgtcccctt	75960
tatgccacgg	cagggacctc	acggccttgc	agaagggtcg	gtggaaccct	ccacttctga	76020
tgactctggg	gccaaagctag	tcttccaggt	cagtgggtgtg	acattctaat	gagggctctt	76080
gggttaaata	tttctgcatg	tgcccttgaa	aagacaactc	ccttccctaa	attgtcccctt	76140
cctgaaagaa	cagcggtcac	agcccaggag	agcagcctct	ttaacctcca	ctcccccaacc	76200
taccctcctg	aaagctcaca	tttaccgagc	actttgtaca	ggctagtggg	ggtttaagtg	76260
cgcgctcctg	tgaatgtgga	ataactcagc	gatgtgggga	tcttccaacc	ccgtttttaca	76320
aaggaggaaa	gagacacaac	gaagtctctc	cttgctctgc	catgctggta	gaataggaca	76380
tcacaggcca	cctaaccagg	ggctctgttc	agctcgcaga	aatgttttgt	ttgaaccttc	76440
taaaaagctg	tcagatttgt	aacaactacg	agatttcaca	ttttaaaaaat	ctggattttc	76500
agcttctcct	gaaaaatggg	gagatgtggg	ccccaccatc	ccctatagcc	tgacattgtg	76560
aaccaattca	tttggctttt	cattgcactt	tcccttctgt	ttttctcatt	gtggagcaat	76620
atttctctgt	tccatctcta	ccaaaagtgg	ccagatgaga	gctggagagg	aagtggggtg	76680
tggagttttc	ttatgcgtcc	acttcacccg	tttacattat	ctgcctggcc	cacgtaggca	76740
tttgagtttg	tctccggttg	tgacactttg	tacccaatgg	ctacacttcc	agggacattg	76800
caagtgtccc	tggacactta	cattgtgcat	tgcaagtgtg	tagtaataat	aatgtcta	76860
atctattgat	tactttttgc	ccagcatttc	atcatcacag	caagcctttg	aagcaggggac	76920
taatatcate	ttcactttat	cagtaaggaa	actgaggcac	tgtgtgtgat	gccctcacta	76980
gaacaggagg	tcttgaagct	tggttcactct	tgtaccatct	gtgctaggct	tactggctgt	77040
ttgaatgaat	gactaaagga	atgaatgaat	gatgttctcc	tccaagtgtt	cattagccga	77100
agaggctgaa	agtcttaacc	tcatagtcat	ttgtgacatt	tctgtttggg	gaatgggctc	77160
tgatcagtg	cactgaggat	tcttggggtt	tgtttctgct	gtataacaaa	ccactccaaa	77220
ctcagtgggt	taaggtaaca	acattttatt	ttggacgatt	ctgtgggttg	accagggtgg	77280
tcttcagctt	catgtgat	cagctggcag	gtctaaaaaca	acccatttca	aatggctggc	77340
agctcttgct	ggtcaccaga	tgggagctca	gttattctcc	atgtgggctc	tgccctatgg	77400
ctacttgggc	ttcctcgcat	tatggcaggt	tcagggtagc	ctgacttcta	agagtgc aaa	77460
aatgaaagct	gccacggtct	cttaaggctt	aaccgcaaaa	ccggcacagc	atcacttctg	77520
ccaccttctc	ttgggtcaaaa	caggtcccaa	agccagcccg	gtttcatgag	gtggggccca	77580
cacaaggggt	tgaataccag	gcagtgtggc	tttttggagt	ccaccaaagt	acccattcat	77640
cacagactgc	aagtagcaga	gcccacact	tactacctca	agctggaaca	ggatttactg	77700
gggggctcag	gaaaggacag	gtcaggaact	gaggaaattc	tggggacctt	ggcgaggag	77760
ttactagcag	cctcctgaag	gagagtttcc	atcccaatgc	gacaaatgca	ccctgcttt	77820
ttctttctgc	ccttgacact	ttatttgaca	gttggggaca	tggttaagaaa	gtctgattga	77880
ccttggtcac	atgatcacc	cctggcagag	aggatggggg	catcttggca	gaggggagg	77940
agtcctcaaa	aggaagctgg	ggtgctgtca	aaagaagggg	accagatgga	caaaaattgt	78000
tagaaatctc	tgaccgccc	ctgcataggt	gactccaccc	ctggcagagc	aatgaacatt	78060
ttaaaacgag	tgaatggact	ttgaaagtcc	agtataagta	gaatgccc aa	acctgtgtgg	78120
cagcttctcc	agctccaggg	ccccatagct	cagggtgctgc	tgggggtctg	gaagcttctc	78180

tccactttac	ggggcaaaagt	caactcctag	aacccctgcc	atgcctcaat	atccccctcc	78240
agaagatagg	ggcagtttgc	ttctggctcc	tgaaaggaga	gcatgcgcgg	taatgagggg	78300
cctgggctca	atgcctgcac	tccctcctcc	cagaccccg	ctcaccagtg	acactgcctt	78360
ccaccccaac	acctggtgac	accagtgag	tccccgcagc	aggggaggct	gctagtagga	78420
aaaactgac	cagactaatc	tcagctcgca	gagcctctga	cccgggcttt	cctcccactt	78480
gceggctctat	ttccggctgc	taattagatt	gcacagcaag	ccacattggg	aagccgacct	78540
gtcgttccaa	aggcactcca	ctcgcatctc	caaatgtagc	aggtgatttg	gtaaaagttg	78600
attctgactc	cttccccag	cttctaaaat	aattgtaagt	gtcgggctgt	ttccaagggtg	78660
aactaatgaa	cagctcatct	gctaatagca	ggggcaagct	ggctgaggac	ggcacgctcg	78720
cctgtggatt	gggtgaaaag	gaaagaagta	attggattat	taataccaag	ccgtcaaaat	78780
accttttatt	ccttttatat	tcttctggaa	ggaaacgaca	atctctggaa	acataaatac	78840
atgttctgtg	gggtaagca	gggctaagaa	aatgtggggc	tgaaaaggag	gaggggggta	78900
aaaagggtgga	attgtcagtc	cccactgtgg	cagctctacac	tgagaaccag	cccacagtta	78960
ggcgtgaata	atgactctgt	tcaagtcgga	ctttattgct	tttggccaaa	ggccttttgc	79020
agaaataact	ttgtaactcc	ctgccaggga	agcttttgtc	cacagctgag	acaaagggaac	79080
aaagaacaga	ggtgggaatt	tctgtatctg	atctctactt	cctctaaaca	gccagaaagg	79140
acagcgggtg	tggctgccc	agaaggcatg	ggctggggca	aaggggtgtc	cagcctcctg	79200
tgggccacac	tgcgtgctc	ggctgcacca	tggtggttcc	attgtgcaca	ttcccacccc	79260
agggcctttg	cacttacttc	ctccgttcat	agaaagcatt	ttgcccacaa	ctggcttctc	79320
gcccgcctct	gctctcagct	cagatgccat	ttccttatgc	cacctcctca	tgccagagag	79380
gcctttccca	atttactgtc	catcctatca	cctgacagct	tccctcaaag	ctcttaagac	79440
aatcttcatt	cattcatttt	ctcctccacc	aaggtatcac	agctccatga	ggacagaggc	79500
ctggcctgcc	ttgtggccac	tgtgttttct	tagcatgtgg	cacatagtag	gtgctcagga	79560
aagattggat	agcttggaag	agtgcacat	agctcccagg	ccaagctcca	gcggggcctt	79620
atggagcccg	ctcagtgctt	aaaatagggt	gaaagttttt	acttttgaaa	tgggtgttcc	79680
ggtgtagtcc	aggcgccacc	ccatctctat	cctaaatcta	ggccacttta	ctcactcagg	79740
tctcctgccc	gacccttgga	tgcatttgca	tatttgyccc	tgcttttagac	aaaggccact	79800
gcaaacatat	ctctctccaa	agtcaccaga	caacatccag	acttcttgca	ttgccaaagtc	79860
ttgtgccaga	cgggtggcct	ccaccaacca	ggtcccattg	actggatcaa	ggtgtagtct	79920
tcatcttagc	cgctccacgca	cagggcgtaa	gtggcgttga	tctcatcata	agcagggtcat	79980
ggcaggagga	gggtcgggca	ggagacctga	gtgagtgaag	tggcctagat	tcaggataag	80040
agacggggta	gggcctggac	tacattggaa	atgccatttc	caacgtaaaa	acctttaact	80100
tttccttttt	ccccttttcc	ttttctgctc	tctccaagc	ctctgggtca	tcaaggaggg	80160
aatcgctga	actcctcctt	tatggtcttc	aaggagacct	actcccaatg	taaggggaag	80220
cgcagaggcc	ttggcaagca	agaatgtaac	cacaatgtca	ttgcctttat	actgttgcca	80280
tctaagtatg	gcaggggttc	tcacctaggg	gcagttttgc	cccctagggg	gacatttggc	80340
agtgtctgga	gatatTTTTg	attgtcacaa	ctggggtagg	tgctacttgc	atctcatgga	80400
cagaggcctg	tgaacacctt	gtgatacaca	gcacagtccc	ccatcgaaga	atgatectgc	80460
ccacgcggca	gtaatgccaa	ggttgagaga	ccaggtttta	tggcaatggg	tgctggttcc	80520
tccaagatag	acttttcttt	ctaaataaat	ttattgaaat	aagaaaggga	atgaatgaat	80580
gaatttaggc	ccagatttgg	gtattctact	tataccagac	ttttaaaaaat	tcattttattt	80640
attctgagac	gctggcatat	gggatggagc	acagagggtta	acgatcagcc	ctgtcatccc	80700
tttcggagca	gatcaggctg	taccatttgc	ctcaaatcag	gagcccctgc	cctggaagct	80760
gccatcttgc	cagaaaacttc	ctggggagct	gcctgtaaaa	aactctagca	gcagttgatt	80820
ctggcccagg	tggaaaagct	gtgttatccc	aggcggagtt	ccggcagggt	gggagatgtt	80880
tccaggtctc	ctgcccagcc	aggcatgatg	agcatccttc	caagcttggc	cccggagccc	80940
tggcccagca	ccccatttg	aagcctgcag	agcctcatca	tactgcccc	cgcccccgcc	81000
ccatcctgcc	actgacaagc	caatacctgc	ctgatgagag	gggctcccag	ggacagcagc	81060
cttccctcct	ggactccagg	gcaacctcca	tggtgttggg	cggtcttgag	cacagggtctc	81120
aagggcagag	gctgagttgg	aaaatttctt	gcctctgcag	aagggaagag	ctgggggagg	81180
ttggggcctt	tttccccaaa	cgaggtctta	ttcttctgtg	gggttttctg	ggtttgttag	81240

gtggcttcc	ttctacttaa	aaataagctg	ggagtggtta	aaaaatggga	agaaatcaat	81300
gtttctggcg	tacatagaac	tgagcagatg	gtttatctag	aataaggagg	agaggttgtt	81360
gtgactctag	ctcctggtag	gagcccttca	gttcaccctc	ctgccctgct	cagaaccccc	81420
tggacctgac	atcgtggcct	taacaccctt	gggtcatgtg	agaaggaaga	gtgcccaccc	81480
aggactttcc	gaggctcaca	gattctttga	aatggacgtg	agcacaacg	cccagccccg	81540
acagccaggg	atcagatcgg	gtttcacttc	ctaggaggga	ggatgtactg	caggggaggc	81600
ccacgtggct	gccccaggcc	tggccagcct	ctgtgacca	gcaggactga	ctgttttacg	81660
ggatggccac	acgggtaccct	gcaggctcat	ccatggtg	acctgatgc	tctttgttg	81720
agatgtgggt	ctgtgtcccc	tccccttgaa	tctggccaga	cgtgcgtagc	cctggtggaa	81780
ggaacacat	gggacagcag	aaaagatgag	ccagctcccc	ctggatcact	gggaccctcg	81840
ctgttgtgta	agaaatcaga	ccccactgca	aggccgccat	gctgtgagga	agcccaagcc	81900
acactgaggc	cacatggagg	tggccactcc	gcagccctc	ccaagctccc	aaccgactgc	81960
cagcaacaac	tgccagacaa	gccaaaggccc	tgctgagcct	tctcagcagt	ggcctcagac	82020
gttacaagc	agagaccagc	ccttccctgcc	atgtccctgcg	caagttccctg	atcaggagcc	82080
tctgagaata	aaagaaagat	tttaattcac	cactaagttt	tgcggtaaat	tgttacacag	82140
tattagtaac	tggagcattc	agccaattcc	agtcttccca	cogtgcagtt	attcattcat	82200
tactgaaca	atattcagaa	accgtccacc	tcttgcccct	tctttgctcc	cacctagtca	82260
tctcagtggc	ctccctgtgc	ctaccctcat	gccttgagct	ctgttcccct	cacatagtca	82320
gaaggattct	gttaaaactt	acatcagggc	tgggcatggt	ggctcatgct	tgtaatccca	82380
gctctttggg	aggctgaggt	gagaggattg	tttgagtcca	ggagttcaac	accagcctgg	82440
gcaacatagc	aagacctcat	ctctacccaa	aatttaaaaa	gtaatcgggc	atggttgtcc	82500
tcacctgcag	tcccagctgc	tggggaggct	gaggtgggag	gattgacctga	gacctggaaa	82560
tggaggttgc	agtgagctat	gttcgtgccg	ctgcactcca	gcctgggcga	cagagcagga	82620
ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	aaaactacac	cagatcacat	caccgcgaag	82680
ctagaacccc	ccagcccctc	tcaactagct	ccgtgcgcc	atgcgtgcc	cctttccggc	82740
cctccctcag	gcactttcct	acctcaggac	agttgcgtt	tctgttccct	gtgcctagga	82800
tgtcttcccc	ctaaatatcc	acaaggcatg	tccccccc	tccctcaggg	atccacccaa	82860
ctgtcatctc	tcaggccctc	gtaccccaac	ctatttaaa	ttacaccccc	tactcccta	82920
gcactccaac	ctccctcctt	aggacttgat	ctccttggga	cacgttgctt	catatgttgt	82980
gtaatttatt	ttggtgtctg	atccatgaag	gattgttttt	cctgattccc	agcactgaag	83040
aataggggcg	ggaacatagt	aggtgctcag	gaaatctcgg	ctgcctatct	ggaagaatta	83100
gcactcggc	tctgccagga	gctggggccg	tggcgtcagg	caaccaagag	acagcccctg	83160
cccattgcgag	cttctgggtg	agggatgccc	ctctacaaaa	taaaaaccca	ggccagggtgc	83220
agcggttcac	gcctgtaatc	ccagcacatt	gggaggccaa	ggtgggcaga	tacttgagg	83280
tcaggagttt	gagaccagcc	tggccaacat	ggtgaaaccc	tgtctctact	aaaaaaaaaa	83340
aaaaaaaaata	caaaaattag	gcagggtgtg	ccgggcgcgg	tggctcacgc	ctgtagtccc	83400
agcactttgg	gaagccgagg	cggggtggatc	acaaggtcag	gaaattgaga	ccattctggc	83460
taacacagtg	aaagcccgtc	tctactaaaa	atacaaaaaa	attagcgggc	gtggtggtgg	83520
gcacctgtag	ttccagctac	tcaggaggcg	gaggcaggag	aatcacttga	accaggagg	83580
tggaggtag	cagttagctg	agatcacgct	actgcactcc	agcctgggcg	acagagtga	83640
actcgtctc	aaaaaaaaat	gaggcaggca	tgggtggcgg	tgcctgtaat	cccagctact	83700
caggaggctg	aggcaggaga	atcacttgaa	cctgggaggt	ggaggttgca	gtgagccaag	83760
gtcatgccac	tgtactccag	cctggatgtc	agaggagact	ccatctcaaa	aaaaaaaaaa	83820
aaaacacgca	cacaaacaca	aactcaggcc	agagagtaaa	tagaggaatc	acaagttatg	83880
ataagtgtc	tgaagagagc	agtgtcggga	ctgggggtgg	gggtgaccga	gcagggcctg	83940
cttcagggac	agagggccag	ggaaggccca	agtcacagcc	agggtggccg	agtcagggtcc	84000
agaattttgtg	attccacac	ccacgttcc	tccgttttc	cacactacct	tctcttatca	84060
gttgtcaaa	aaggatgggc	gagttggccc	tcagtaaggc	ggagagttgg	gcacaggcca	84120
aggaggccta	gcgtgggctg	gtaggccgtg	ccctgaggcc	tctgttcaca	caggcacgag	84180
gtggccagga	agccacggga	gtcagccctc	tgcctccagc	ccgcccccca	atttgggttc	84240
atttgggttgc	aagttagaga	gcaactagga	atgacctaat	tgaaaaaagg	gaatttcact	84300

tctgatcttg	aagagtcaaa	agtatgggga	aactgaccta	caaagaaaac	agaaactagt	84360
taaagaggaa	tttattgggc	ctgaaacaaa	gaacccaacc	caaactctcc	tctttcaggc	84420
tgggctggat	cccaggtgtc	cagtgtgtgt	aagtcccaag	tatggtgcat	ttcacagcac	84480
tgctgtgttc	ggtgtgtttg	cttcattccc	gaccccactc	aagacaaagt	ggcgtcgctg	84540
tcttccctgg	tcctcacatt	ggaaccacat	ggagtgtgtt	agccagttgt	aaagactgga	84600
tgccctcttc	tgaccagtca	ggccaaaggg	cctggattac	tctggcccg	cactgaggca	84660
aggggtgggg	aggctctgat	tggcccaggt	ctaggatccc	acgatctagc	attgtagctc	84720
cagaactgga	gcctaatttg	aactttgtgg	accaaggggtg	gggagaaaag	gatcccccaa	84780
tatttttttt	ttttttttga	gacagagtct	tgctctgtck	cctaggctgg	agtgcagtgg	84840
cgtgatctca	gctcaattct	cctgccttgg	cctcccgagt	aactgagatt	acaggcacat	84900
gtcaccacac	ctggctaatt	tttgttgttt	ttgagacacg	gtcttgcctc	gtcaccaggg	84960
ctggagtgtc	gtagcgcaat	ctcggtcac	tgcaagctct	gcctcctggg	ttcacgccat	85020
tctcctgccy	cagccttcca	agtagctagg	actacaggca	tgtgccacca	caccagcta	85080
attttttatt	tttagtagag	atgggggtttc	accgcattaa	ccaggatggg	ctcgatctga	85140
cctcatgatc	cactgtccgc	agcctcccaa	agtgtctggga	taacaggcgt	gagccactgt	85200
gcccagccta	atttttgtag	tttttagtaga	gatgggggtt	caccatgttg	gctaagctga	85260
tctcaaaact	tggacctcaa	atgatccacc	tgccctggcc	tcccaaagt	ctgggattac	85320
aggtgtaagc	cgccacaccc	ggcctcagac	tcccaagaaa	attgggagct	gttatagaaa	85380
ggagataatc	ctgggtggcc	caaacctagc	agagaacaca	agccagcatt	tattgggcac	85440
ttgctgcata	cagatctgtt	gaaagtctcc	gtgcatgtta	aaccatccac	tctgtaggca	85500
agtgtttgta	ggtgtcctca	ctttccagat	gaagtcactg	agaagacaag	aggttcagac	85560
acttgcccaa	cctctagtaa	gtgacggagc	tgagatccaa	acccaggcag	gctagctcta	85620
gatcctaccc	tcctcctact	cagcgtgttc	cctgtggcat	tttcccccaa	gtaagtatca	85680
ggctgtttgc	ttacctctgt	ccgctgtttg	tcagctctct	gagaatcgag	agttttgtct	85740
gttctttttt	tttttttcta	ctgatcatga	aacagtacaa	agcaagtggc	agatgctcag	85800
gtatttgagg	gtgtgaatta	tatggcctgt	caaacatcta	cccacttgac	atacaaaaca	85860
ttttggtgct	cagcttccta	agacttgaat	acattgtttc	taaatttctc	ttgtgctcta	85920
actttaatcc	atggccactc	tgttctcaca	gcttgccggt	ggttttgccat	tatttccagt	85980
cctcttttct	gatcattctc	acatgtagct	ggaatctttc	aactccagct	tttctctatgt	86040
tgacttagag	tatcacttcc	aggagggcag	ggagctttct	tttcaactgt	ttatccacag	86100
tgccaagaac	tgtgcctggc	acacacgagc	cttcaggaat	gtcttggtac	atcaatagtt	86160
aggcaggtaa	ctgggttcct	aagccctgca	tttttgccct	acaatcttta	tgccctaatt	86220
tcctttccag	atcctgagcc	tttgtcttga	aacctgatct	ttccctcctc	cctctgaatg	86280
acccttctat	tgtctcctgc	cctgttcttg	agagccggct	tggttctctg	cctccatttg	86340
gaattccaag	aacaggcaag	gagagccaca	agatggcctg	ggctaggtag	gggagacagg	86400
gagaagctgt	ggcccatagg	ttacaggagc	ttctgtcctt	tctttgacgg	cccaaagag	86460
gaggagagaa	ggctggagaa	agcctgtagc	caggaaagaaa	gggagacaca	ggggagtgtg	86520
aagtttaaca	gatgtgcgtg	tgtcatcccc	tgtctagaca	gcttctgggc	ttgtgaggtt	86580
tgggaccaca	ctttcccatc	cctccagggg	cctctctctg	tttctctctg	ctgctctttg	86640
cccaaactgt	ttctcctgcc	tgaagcatec	tgtcctccac	cctcctcttc	actggccatc	86700
caaatccttt	ggattcttca	gaactttgct	cctgttaggc	tgtcagttt	atgctaagta	86760
ctcctccagg	aagccctccc	tgactgtctc	caggccagca	gtttccctct	tcctcttget	86820
gtttatacaa	cacacttaac	ctcagtcctc	tgtatcaatt	gttgcttttc	aagtcagcat	86880
aagtgtcaaa	agagtaggct	ctggggtcag	aatgtctgtg	tgcaaatagc	catgctggct	86940
tgcttgtttt	gtctgtcact	tggaggtggc	acatccaagt	gaacctccca	ggggacaggg	87000
aagagtggat	tactgttgta	atcgggcagg	attctcctat	cactgaacac	tgccctacat	87060
atagcaggcc	cttaataaat	atttgtaaag	taaatgaagg	aagagagaaa	tgatcaggct	87120
ccttggaaca	cctgaggagg	ccctcaggtc	tgttgctggg	ctctggcccc	agcccggtgg	87180
acatatctgc	acaccacaaa	tttcttttct	tcctcctctc	catgagtgtt	tcccgctctga	87240
ccaatgccgc	cttctgectc	tggccccctc	ttctctctcc	accacctcaa	ctgcctaatt	87300
attaccaaac	ttctctctcc	tgtttttttt	gttttgtttt	gttttgtttt	tttttaaggc	87360



agtgtcgctc	tgtcaccag	gctggagtag	agtggctcga	tctcggtca	ctgcaggctc	87420
cacctctgag	ttcacgctat	tctcctgect	cagcctccca	agtagctggg	actacaggcg	87480
cccgccacca	cgcccagcta	atTTTTTTgt	atTTTTTTta	gtagagacgg	ggTTTcaccg	87540
tgTtaccag	gatggctctcg	atctcctgac	ctcgtgatcc	gcccgcttg	gcctcccaaa	87600
gtgctgggat	tacagacgtg	agctgccgcg	cccagccctc	tctcctcctc	ttgttggtt	87660
tggaggtgga	gagaagatgg	gaagggagga	ccaaaggagc	agtattcagc	acccatgctg	87720
cacgacactg	ggcaggttct	ggaacctgtc	cgtgccttat	cttccttgte	tgtaaatgga	87780
gcatcccaac	tcacaaggtg	gttghtaagg	tggcgtgagg	tcacacacta	aaagtgttta	87840
gaattgtgca	gggccccga	tgTtagctat	cattcattat	tgTtcttcta	gggtgtttcc	87900
tgTgttggtc	tgggtgctcc	ctgttgcaaa	tgacagccct	aattcggact	ctcttaagca	87960
gcaaagggca	ctTTTTttgag	tctgtacctg	gctacaagat	gcaacttggt	ccacccatt	88020
gtcaccagca	tcctctctct	cgggctccat	ccaatgggcg	gccaccatca	gcaccatatt	88080
catgcctcct	ggcaccacag	acagtctcct	ccagcctcca	ggactccctc	tcgcttattg	88140
gccagacttg	ggtcacatgt	ctgccccagg	accaatcgct	gaagctagag	ctggaattgc	88200
tgattggctc	cacctggctc	acatgcgctg	ccctgcagtc	aaaccatata	taaggggggg	88260
tgggaaataa	gagcacttgt	ggcctcaaag	cactaacagg	ggctgttacc	aggagacagg	88320
agataattct	ttgttaaagg	agtaaataatt	ttgaatgcct	gctatgccgc	aagcattgtt	88380
ttaatgtgtg	aggatataga	tctgaacaaa	aatgacaaaa	acctgtacct	tcagggggct	88440
gatattctgc	tggaggacat	ccgcaaagaa	ataaaggagc	tagctgtgag	aggtggtaag	88500
tgctactggg	gagggcagag	atTtcggTtt	taacctgcc	aggtgaaatt	tgagcaaaga	88560
cctgaggagg	gggaagaagg	gatggtgaag	ataacctgaa	tgaaggctcc	aggcagagg	88620
agcagcaagt	tcaagggcc	tgggggtggc	tgTgctagca	tgTgcaagga	acagtacaga	88680
gaccgtgtgg	ctggaaccag	gtgtgcaagg	gagagagggg	aaggcaataa	ggTcgagag	88740
gtgatggagc	aggttggtg	ggTtcttgta	gccccTttg	agggTttttg	cgTtttactc	88800
tgctgtggat	ggaagtatt	gaaggccgtt	cagtggagga	aggcaggccc	tcygcTtttg	88860
TTTTaacagg	atctgtctgg	ctgcttgatg	gaagggacga	ggtagaagca	gggaaaccag	88920
ttaggaggct	gttggaatcc	aggcaggatt	ctcctatcac	tgaacactgt	gcctcatagg	88980
aggTccttca	tacgtatttg	taaagtga	gaagggaag	agagaaatga	tcaggttctc	89040
tggaccacct	ggggaggccg	ctaggtctgt	tgccgggctc	tggccccagc	ccgtgggacg	89100
tatctgcaca	cccacagttt	gctttcttcc	cgctttctat	ggacatttac	catctgacca	89160
gtgcctcctt	ctgcctctgg	ccccTtctt	ctctcccacc	acctcagctg	cctgattgtt	89220
cccaaacttc	tctctcctcc	tcttgTtgga	tttgagatc	ctcagaggaa	aacagcccat	89280
ctgggtcttt	ctaaacaggt	ctggatgagg	tcccagggtg	ttgttcaccg	ctgtggTttg	89340
tggcattggg	aaggtgagg	catcagtcac	tcagaccctg	tctcttgTgc	agatcggcag	89400
agaaattgag	aactaaaaat	gatgtttcta	aatgctcagg	acgttagctg	tttccagaga	89460
tgTctcctgg	gctggcgagc	ctTtgccaag	gtcctggaga	agactcagga	tggagaggag	89520
gagccagaga	gacctgaaa	ggaactggtg	ggaaggagag	gtgttgtcca	cagcagggat	89580
ggagtggcag	gcggctggtg	ctgcgtgagt	tcactgggtg	ctctctcggt	tcagccactt	89640
tgaatatttt	accaagaaaa	aggaaaaaaa	acaaggcaga	atcccttgTg	tcactcttaa	89700
ttgatttctt	cagcatccgg	agagaaactg	gcatgaggcc	acgagaagtc	tgagccagg	89760
gaattcatca	gaaatcgacc	cactgatgac	ttgatctgat	gaaataatta	gctcctgtta	89820
ttctctggct	tctggtgccg	gagctttgac	ttccatccag	aggagagcgg	gtgatagccg	89880
cccaggagtg	gggggtgctc	tgaaaccaac	atgggagcca	ggaacgaagt	ccagctgact	89940
gtgccccggg	ctccatcttt	acccagccca	gggctcccaa	tgaagactgc	ccttcccagc	90000
ccccctgtac	cctggcatca	caggcccagg	gcaaaaaagg	ccctcagagg	gcacctggcc	90060
acctggcaaa	tgaggaaact	gaggctggga	gactcttagg	aacttgTtca	aagatctgct	90120
tctagggggt	cctggttgag	ctgccc aaat	cgggccagac	taggtttgaa	ccccTtctct	90180
gccacttacc	catatgatcg	ggggaaagtg	atTTtaactc	tctgtgcctc	agcttcttca	90240
tcataaaaat	gggtgaaata	ttgatgggtg	ggtgtgcata	TTaatTgggt	tgacacctgc	90300
aaacagctca	gagcagagac	tggagtgtgc	tgcaagcttt	cagaaaggTt	ttcctgtgat	90360
tggTttctgg	tttcagagag	ttgctatttg	tagggcaccc	catcggaatt	ctcccaatat	90420



tagcactcca	cgctctgtctc	tctgaaggaa	cgtgaatgtg	catcttagaa	cgctggctgc	90480
tgcaatcgta	gtttcaagtg	caaagcatcc	cgtagtgttt	cccgatggag	ggacatgggc	90540
cactgataat	gtattagtct	gttttcacgc	tgctgataaa	gacatacccc	agactgggta	90600
atttaaaaga	aaaagattta	atggactcat	tgttccatgt	ggctggggag	gccttacaat	90660
catggtggaa	ggtgaaaggc	acgtcttatg	tgatggcaga	caaaagaaga	tgagaaccaa	90720
gcaaaagggg	aaacccttta	taaaaccgtc	agatctcatg	agacttattc	actaccatga	90780
gaacagtatg	ggggaaccac	ccccatgatt	caattatctc	ccaccaggtc	cctcccacaa	90840
cacgtgggaa	ttatgggcgc	tacaagtcaa	gatgagattt	gggtgaggac	acagccaaac	90900
catatcagat	acacaacata	gtttgaggat	tactctgatt	tggggtgggt	cagggactga	90960
ttcgatggct	agagtttgct	tccttttcag	ctgtctggca	gcctccagtt	acctccagca	91020
gaaagtctca	gatggtgcta	atgtgctttg	actcctttca	acacctgcta	atctcacttc	91080
aaaagagagt	gcgagcgga	gggcacgcga	agcctgggaa	gctatttgca	tcaagttcca	91140
ctgattcagc	tttctttgac	ttttatttgt	acaattagct	ctacagggaa	gcatgtcca	91200
ctttccattt	atctttgggt	aggaagtttt	cttttcccaa	aacatgtgtt	tgtgttttta	91260
ttttaaaatg	aggccattta	aagaagcacg	ttaagcaa	aatcactgaa	gggctctgca	91320
gattcagcag	aaatcagggc	cgtggctcct	gaacggaaag	agttgggaaa	tccgagtttc	91380
gtgatgagaa	gcccacattg	aacgggtgag	gagggcagaa	ttcacatccc	atccctgcca	91440
tcttctgtct	gggtggcctt	aggacagtaa	tgaacctca	gttttctctg	gggctaataa	91500
tagtacttgc	aggagggagc	cttgggtggag	gttgaaggag	atttcagagt	gcctgacgca	91560
ggacagctgc	agcggtagga	tcactcta	aatggtttac	attgtggaat	atgtatccca	91620
gttagtacta	tggccaggct	ctagtcccag	cacactgtat	caacacattt	aatcctgcac	91680
accattttca	cagatgagga	aactgaggca	caaagtggtt	aagttactag	ctcagggctc	91740
ttcagcaagt	aactccaaag	tccacatcct	taacctcac	accacgtggc	ataaagcagg	91800
tgcccagcag	gcagttgccg	cagtggctct	ggctgtcatg	aggtgtatgt	ttctgcagac	91860
gagagattga	gaaggaagggt	gttgttcacc	ctctggctcc	atgaaactca	cagttctcat	91920
gtcagacgac	tgcacgaggt	gtgtccccag	ctccccgaa	attgtgactc	tcagagccac	91980
ctgggaagga	ggcattgagc	ggagcctgct	tcctgtctcc	aggggaggtg	ctagaaggga	92040
gacttgctgt	cctggccagc	ctgacatagg	atacaggctc	ctgaatgaag	taaattaggg	92100
tgcgcatcag	ggcagctggg	agagttgatt	gaaagcactg	ttttcagagg	caggtgggca	92160
aaggagagcaa	agaaatgatg	ctgcaccgag	gaaccggtag	caacaggagc	ccttactttc	92220
ccgagacttg	atggggcaag	aggagggaga	ggtgaactca	gaactgggga	gacgctagag	92280
ccaggagggg	ccccaggcag	gagctgcac	cacacacaca	gacacgaagg	ctactgcctg	92340
gggagctact	gcgtgcggga	ggagaataaa	tgacgggact	tcccaccacc	tcccagctg	92400
cagcctccca	gccggaagcc	agagagcagg	gacgtgccga	ccgtgccatc	tgtagagctc	92460
agcctcccag	ggtgccaagc	agagctgggg	gagaaatgga	gcaggagtga	cccttctctg	92520
ggtttttcaa	ccatagcgct	gcccagagaa	cacagtggcc	agctcctcgt	tgggtgtccat	92580
ggaggggtggc	tggggcaagg	catcagtgat	ggacgcctct	gagccatgta	gacccaagct	92640
atggcacggc	cctgccaagt	ccagcttccc	tcactctgca	gaactcaaag	gaccttagca	92700
gaacctccgt	tcctttattt	atctatttct	ttgtgccaag	gcctggagac	agccatgaat	92760
aacataagcc	tgtctctgtc	ctcagggagc	tgaccccta	gtggggaaga	attggacaat	92820
aaataagaaa	ttgcaggctg	cagttagtgat	tacaagagaa	ataaaaaccg	ttataaaatg	92880
cagagtgcct	gggttggggg	ccccgcctt	aaatagggtg	gccagggcag	gcctctctga	92940
ggtgatgacg	tttgttcttt	tgacagaaa	agccaggagt	acaaagcagg	agtttgttgt	93000
tgttgttgtt	gtttttgaga	oggagtctca	ctctgtcacc	caggctggag	tgcaatgaca	93060
tgatctcggc	tcactgcaac	ctccatttcc	caggttcaag	cgattctcct	gcctcagcct	93120
cccagtagc	tgggattaca	ggcatgtgcc	accatgcccc	gctaatttgc	gtatttttag	93180
tagagatggg	gtttcaccat	gttgatcagg	ctggtctcga	actcctgacc	tcaggtgatc	93240
cacctgcctc	agcctgcca	agtgtctgaa	ttacagatgt	gagccactgc	gcacagctgc	93300
gggagttatt	tttaaaagag	caggtgcaaa	gaccctgggg	caaagagaag	cttgacttgt	93360
ccattcgaca	gaaagaagcc	agtagggctg	gaaaggagag	gtcgaggaga	agtgggcagg	93420
ggccagatct	cacgggccag	ggcagccctg	gcaagaagtt	tgcattctat	cctgtgagcc	93480

atgagcagcc	agggaaaggtg	cggcaggtga	gcacaggact	ggcactaagg	tgaggcgagt	93540
gcctggcact	tgtgcagcct	gggagcgagc	accccttca	gtctgtacct	gcacgaggca	93600
ctgtgccctc	ccctgccag	tgctgtgatc	tgatctgtat	tttaggaaga	ttcctccggc	93660
tgccctggga	aaatggagga	tgggggcagg	gaagaggag	gcgggagacc	cctcaggcca	93720
ccttgagtc	cccaggagag	atgaagcagg	cagcacatcc	ccctgctgaa	cccggagacc	93780
ttgctgagcc	tctgagtcac	gactttgagc	tgatggctgg	ggttcccat	gaagggcaag	93840
gacaaacaga	ccctttcaag	gtcacagcaa	cacagccacc	cccacagcac	ttggcttcct	93900
cccggcacat	ctgcaggctg	tggctctctc	gctcatgctc	tcttgtttta	aataaatgat	93960
accaaagtc	tatatctgga	caggacttga	aggctcattt	cctcaagaag	tgaaaaaatg	94020
accacggaga	gcaaagagca	gggcgagatt	agagacctgc	ttgagccaga	gtcgcgtccc	94080
cacctccccg	caccacctt	cgctggtgac	ctagtctgac	ctggggccag	gggggtgact	94140
gagggcacag	tggcctgtgg	caggtcttcc	ccctccacct	tttagcgctc	aattttctct	94200
attgtcattt	catttattct	gcaacttaaa	actaataggc	tgggcacagt	ggctcacacc	94260
tataacccca	gcactttggg	aggccagggc	aggtggatca	cctgagttca	ggagttcaag	94320
accagcctgg	ccaacatggt	gaaaccccat	ctctaccaa	aatacaaaaa	attagccggg	94380
cgtggtggca	ggcgctgta	atcccagctt	ctctagaggc	tgaggcagga	gaatcgcttg	94440
aacaccagga	ggcagaggtc	gcagtgagcc	cagatggcgt	cattgcactc	cagcctgagc	94500
aacaagagca	aaactctgtc	tgggaaaaaa	aaaaaaaaaa	aaaaaggaat	acttttttgc	94560
ccaactacaa	gatcccttaa	caaggggctt	tcacacgcat	cccagcaga	ctgaaatctt	94620
acaacagccc	tgtctactca	ttttgttcat	ggggaaaccg	aggttccaaa	cgggcttgct	94680
cacgggaaaa	ctgagccagt	gagtggaga	tctgccactc	acacatgcca	gttgtccagc	94740
ccaaaacatc	cagctccagg	ctctcgttta	aaccctgat	tgaatcccc	gctgctgggg	94800
agctggaact	tcctctccct	cacctctgta	ccccacggtg	cgggcagatg	caagaggacg	94860
gcaaatatte	accccttgag	accagcccgc	tgctgttcc	ctccctgggg	acgatttgtc	94920
tgtggagttg	ggtggattat	tcagagacgg	ctgttatctg	actcggtct	tgggctgcca	94980
ccgacacatc	agaggctcac	tggatccagg	gaagaaattg	tttctgcaga	agtggccaca	95040
gaaggctttt	ctgccagtct	gttgaccaag	caaactgtaa	agactttgct	aacttcagcg	95100
gagttcggtt	ttcactctgc	catagccacc	cctgttcaaa	gaaactccca	ttgttcatgc	95160
cagccgccat	acaaatcatt	atgcaagaat	gagcagccgg	cagccttgac	ataaatattg	95220
acctgattct	tcctcctcct	ctagatctgc	gagtgaagag	ggacgaggga	aaagaaacaa	95280
agccacagac	gcaacttgag	actcccgcac	cccaaaagaa	gcaccagatc	agcaaaaaaa	95340
gaagatgggc	cccccgagcc	togtgcctgt	cttgctgtcc	gcaactgtgt	tctccctgct	95400
gggtggaagc	tcggccttcc	tgtgcacca	ccgctgaaa	ggcaggttcc	agagggaccg	95460
caggaacatc	cgccccaa	tcctcctggt	gctgacggac	gaccaggatg	tggagctggg	95520
taagcctcgg	ggccccagg	tggcacctcg	gcccccgga	gcagggctcc	tgggttaggc	95580
tgaggctcct	gaggcaaggc	ggtggtgttg	atgcgtcgtg	ctcacttttg	agtacattga	95640
aaccaagaca	cgggccaccc	acacgtgttt	gggtgcacaa	ctgggtcctc	aaggttaggg	95700
gtctctaccc	ttctccagtt	gcacaaccgt	tcctggattt	ctccaaagag	ttaaagagaa	95760
caggctgggc	gctatggctc	atgcttgtaa	tcccagcacg	ttgggaggcc	gaggcagggtg	95820
gatcacctga	agtcagggtg	tcgagaccag	cctggccaac	gtggtgaaac	cccgtcttta	95880
ctaaaactac	agaaatgagc	caggcatgat	ggcgcacacc	tgtaacccca	gctactgagg	95940
agactggggc	acaagaatca	cttgaatcca	ggagaaggag	gttgacagtga	gtggaggtca	96000
tgccactaca	ctccagcctg	ggtgacagag	tgagactctg	tctcaaaaaa	aaaaaaaaaa	96060
gatgagacat	gagcctggag	ccaaattttg	gaggctcttg	tgggttggtg	caaagactgt	96120
caatcattga	tcccgtgaag	ggtgatccct	cagcctctgt	ccactcttaa	aggataacag	96180
cgtgttggtg	gtggcaacaa	atgtgaaggt	tgactaggtt	agccttgaca	acctgaattt	96240
gtcttttagc	taccaggaaa	aggcaattta	cataaaacca	agttgttctc	tgcaatgctt	96300
tgtattaatg	atcacaagta	tagttttttt	cctccgggag	cttctcagtg	cagaaagaat	96360
ttgtagccag	gaagcaatca	gagcccagag	cttttattga	caatttgaca	cataggatac	96420
ctatctcctg	gcagcattta	gaatgaggcg	catttgataa	ctatggggag	tctgcagact	96480
gtggccagag	aggtgtgttt	cgtttcttga	agaattttgc	agaggggtct	tgcaggcagc	96540

acctggacct	cagagcttct	tgggtctcaca	ttgtgtagcc	cgcacgctgt	ttcggctata	96600
gtcatgctta	gaatttccga	tgccctgcac	gtttgttcat	tcatccagca	gatgtttatt	96660
acgcatttgt	tgcattcagt	gcactgtgtc	aggagccaga	gaactaaggg	aggctcattc	96720
caggtgagga	gaacaggaaa	ttcaaagata	ctgagataga	aatgggctcg	gtggtttgga	96780
gcaaaaaaaaa	aaagtgccag	ggagccggag	tggagggagc	tggggccgtg	atggagagag	96840
atgaagctga	ggagctgact	tggcccgggt	tgcaccaggc	cttgtggcca	tgggtggggc	96900
tttgagtttg	attcttagta	aaatagacat	ggatgagggg	gccttaagaa	gaggaaggcc	96960
gtgacctcac	ttaggttcta	acaggatccc	ccagctcttt	tgatgaaatt	aaatcgcagg	97020
ggtaagggca	gaaacaggac	actcattcag	aggccgatgg	ggtgataggg	cagtgatgat	97080
ggaagctcag	acccgggtgc	tgagatgcgg	tcccacctga	tgtatatattg	ggaaataaac	97140
tgatcaatgg	gttaggtatg	tgggttatgg	aaaagatacg	tttcaagggc	agccgctaga	97200
tttggggccc	gaatcaacag	gtgagtggct	gaatacccac	tcttaggaac	aacacatttt	97260
tgcaacatga	tccagctaag	tctcatgtct	gaatctgact	gaattttgca	tctgtgactt	97320
gtgaataaaa	ccaacagtgt	atgcagataa	aaagaaagca	aaggcatatg	cagatataag	97380
gaaaccaaca	gcgtatgcag	atacaaggaa	accaatagca	ggtatgaagt	agacacagga	97440
gagaggggaa	caaagaaagc	cgtggctgac	ttaaaataca	gagatttctt	ctctccattt	97500
gacagatgga	aaaactgagg	cagagagaag	tcaattgtcc	aagtttgcac	agctagaatg	97560
tgattaaaca	tgatttgagc	tgggtgcagt	ggctcacgcc	tgtaatccca	gcattttggg	97620
agcctgagga	tcaattgagg	ccaggagttc	gagaccagcc	tgggcaacat	agtgagacc	97680
cccccgctct	aacaaaaaat	gtaaaaatca	gccaaaggatg	gtggcacaca	cctgtagtag	97740
cagctaattgg	gaggctgagg	tggaggatca	cttgagccca	agaggtcaag	gctgcagtga	97800
gcctaggtca	caccactggt	ctctagcctg	ggcaatagaa	caaaacccca	tcttagaaaa	97860
aaagagaaaa	acaagatttg	aaccagaac	gcgtgatctt	agccactgct	ctatttagcc	97920
agattcctgg	gatggatatt	gagttgtttt	cagattggta	gcgtgtgcgt	ttgttagttt	97980
ttcactgtta	cggatattgt	tgctggaaat	ttaaacaggc	atcggtgcac	agacaaggga	98040
gtgcttctga	aggataaaat	ctaggagggtg	gatgcggtgg	gttttagagcc	cctggtgttc	98100
agtggcctgt	gtcagctctt	gcccataagc	actacacagc	atagattagg	gcctacaagt	98160
cttgccctct	ataaacaagc	cagacctctt	ccaccagcag	cactgggttt	tgaaggaggc	98220
aagggatggg	aaggtggttg	tgggaggggc	atgataggct	ttttataaac	cactagacag	98280
accagatca	ataatgcatg	tccccaaaaa	gcccataaca	ttatctcaca	gtctctgcta	98340
caactggcat	gcagcgggtg	gtcctaaaaa	atttatcatt	tgctattttc	tgcccatccg	98400
tgcagcagtt	ctgacagccc	tctgggctgg	agacttcttg	actgagataa	tcccaggatt	98460
ctttccagtc	ccaggacaga	gaacagacgt	ccatcctcat	taggggtccg	ttgggaggac	98520
tgggtgccaga	tacacaagac	gaggggcttg	ttctgtttcc	taattgcaag	gttggggggg	98580
tcggggctgt	accacgtata	ttcaattttc	ctttccctgc	acgcatttga	ctccctaagc	98640
tgtcatttgg	aattatcaaa	tgcccagggg	aactgcttcc	agggccatac	tagttcgtaa	98700
gtggcctaaa	ttatcattac	atgtttaaag	tagttgggga	catccctgtg	tctcaatggc	98760
cctctgagac	caacggactt	ttgctggact	tccgctccaa	aagaataaga	gggaagcaca	98820
tggaggtaaa	ggtctcgttt	gcagacgtcc	tttgttcagg	gaggcagtag	aatctttggg	98880
ctctgccagg	gtttactgat	ttaatttgat	ctaaacctct	ggggagcctc	tggggctcca	98940
gcaggctctg	agacagcaag	aggattaaga	catggttctg	gcctggagca	agagaatttt	99000
tgcagcatcc	cagttctgat	ctatgacttg	agaatttctt	taactggact	tatttttgaa	99060
gcttaaatat	tatttttaaaa	ggaacctcca	aattctgact	gtaaaggaaa	aaaccaatac	99120
ccattgcctt	cggcaaagga	tactgtaaa	accaaacaca	gtgaaaacca	agtcgtgttt	99180
ttaaatttca	gcaagatgct	gcctcccaga	aagccagtgt	gtctctactg	taatgagggg	99240
gacgggcagt	ttcagaagcg	gcattaaagg	tgaagtagca	cctgccaaaga	ctttcttctt	99300
ggcctcatca	gcaggataga	gactagaaaa	gagaagaact	ttctcaagct	tttgatgtgg	99360
gggtcccact	tacatgggga	ccacttgggtg	gtggctcttg	tatcagaggg	ttaaggacac	99420
agccagactc	caaaccccag	aatatcagag	cggattcccc	agtgtctcatt	ttcctgagtg	99480
ttcacaccag	gcagagatgg	gtgccttttc	gagggccctc	agattgtcgg	atttgaagtg	99540
tgccccacga	gactgcatcc	agtgtttgca	tttcttttct	tttcttttct	tttttttttt	99600

ttttttttttg	agagagtctc	actctgtcac	ccaggctgga	gtacagtggc	gcaatctcgg	99660
ctcactgcaa	cctctgcctc	ctgggttcac	gtgattctcc	tgccctcagcc	tcccaagtag	99720
ctggaattac	agggtgccgc	taccacaccc	agctaatttt	tgtattttta	gtagattcag	99780
ggtttcgccca	tgttggccag	gltggcctcg	aactcctgac	ctcaagcagt	ccgccgcctc	99840
ggcctcccaa	aatgctggga	tgcaggcgt	gagccaccac	acctggcctg	atgtttgcat	99900
ttcaaaagaa	ttctttgcct	ctcagaacat	ctttattttt	atgtgtttat	attttttgag	99960
acgggggtctc	gctctgtcac	ccaggatgga	atgcagtggg	gtgatcacta	ctcactgcag	100020
cctcgacctc	ctgagcttaa	gcaatcctct	taccccagcc	cccgaagtag	ctgggactac	100080
agggtgcgcac	catcacactc	agctaatttt	gggagttttt	gggggtttttt	tttttttttt	100140
ttagagatgg	gcttttgcca	tgltgtctcag	gctggttgca	aactcctgag	ctcaaacaat	100200
ccgcccccca	ttggcctccc	aaagtgtctg	aattgcaggt	gcgagccgct	gcacccagcc	100260
tatcagaaca	tctttaaatg	aaaatactcc	gagtaaagtt	gcaagggtaa	gagctgtctc	100320
attagccacc	aggttcaaat	cctcactcta	ccattgacca	tgtgtccttg	ggaaagattt	100380
gccctctctg	tgccctcagtt	tactcatcta	taaagtggag	atgatgatct	gtttccctgg	100440
cattcttgtg	aggaatacct	ggcacctgtc	atatgtgtga	cagtttgctc	tcacttgggt	100500
tgtaaagcc	atcctctgtt	agagcaccct	gggccaatgc	cacagtgttg	tttgtctaca	100560
gcaagctttg	catatcaaaa	cgacattaaa	atctaaatgt	ctcatggcac	tgaacagcaa	100620
cattagagtc	tcctcccagc	tgacacagtg	gggtgagtgc	tgtccacgct	catgcagggtg	100680
agctggcacc	cactctgcca	ggtatgtgag	cctggcatgg	ttacataccc	cataatttga	100740
gtgacacttg	tcaatcaagt	ttggcatggg	ttcttctgcc	attactgcct	ctgctgatga	100800
acagagttgc	accatcatgg	ctgltgaaaa	gcaactgagt	ggtgggtttt	gggcctgcaa	100860
aagtgccatg	ggaaccagcc	ttccactggg	tgtaaaaaac	gcgtgtgtca	caaccactct	100920
ctgtcagcct	ggattctctc	agttacagat	gatgtaaacc	caactcgagc	aggattgagg	100980
aatcaaaaag	gggactttat	tggactcata	tgaataagtc	caagtataca	ttgagcttca	101040
ggtgcggtctg	gatctaggag	ctttgtctct	gggtggcctc	tgtccctcca	tctccctgac	101100
ctcagctttc	ctccaagttg	gctttactct	caggccagct	ctccaggcag	cattcctggc	101160
atcactagac	ccacatgaac	accatacagg	tgcaagccat	ccctgtggaa	agagagcttc	101220
tctcacctag	aagagagtac	ccaaattgag	tctttttggt	ctgacactgt	ctgggacttc	101280
tggtcaacca	gattcagggg	aatggaacac	agtggttggc	cagatggagt	cagggtgcaca	101340
ttcctggagc	caggactgga	gccaacccca	cttgaacccat	gaggactggg	attgggatag	101400
agcagattcc	ccaaaggaaa	attcagaagc	tagtgccaga	agaaggcagg	tagctgggtg	101460
gcagtccagt	tagagagatg	ctcgtgacac	cctcacatgg	cgtctctctga	agcagctgct	101520
caaactgtgg	accagactta	ttcattcggc	agggtgttcc	tgagcaccta	ctgtatgcca	101580
aaggagatcc	aacagcaaac	aaactaaaca	gagcttacat	tctaatagcaa	gagttaacaa	101640
gacacatcga	atctatagta	cataaaaagag	cagaaaagtga	ggaggagaat	aaagccagga	101700
ggggaagcca	ggaggggcga	tcaaccagga	gaaaggtgga	gaaaagaatc	gctgggattt	101760
tctatagggg	ggtctcattg	ggaaggggaa	atctgagcaa	agaaggtaag	gaaaccagtc	101820
aagggggatc	cctggggaag	agcactccag	gcagagggaa	cgggtgtgtgc	taaggccctg	101880
aggcagatgc	ggtctcagca	ggctcagagc	cgcaaagagg	ccagagcagc	gtgcacaaga	101940
gcagcaggaa	gaatgaacgg	taatagggag	gtggtggttg	gatggaccgt	gcaaggcatg	102000
agcctttgaa	tgggaggaag	attttggctt	tctgagttag	atggacacca	atagaggaca	102060
ttgagcagag	gaggacattg	agcatctgat	ttgtgtcttc	ataggacccc	tctagaagaa	102120
tagactgaat	aggtgtaatg	agagcagggt	gtccagtaag	gagtctactg	caacagtcca	102180
cgcatgagat	gagcccaatg	aggagtctat	tgcaatggtc	caggcatgag	atgatagcgg	102240
ttcagaccag	agttaggaaa	gtagtaagtg	ctggtcatat	ttcaaaggta	gagctgatac	102300
aagtgtctgat	ggaactgatg	agggatggta	aagaagagtt	gagaatgact	ccaaggttgt	102360
ggcctgaaaa	actatgagaa	tggattttct	gtgtacagag	atggggaaaa	ccatggttag	102420
aagctgtggg	ccgggtgcgg	tggctcacac	ctgtgatccc	agcgttttgg	gaggccaagg	102480
cacgcggatc	aagaggtcag	gagatcgaga	ccatcctggc	caacatagtg	aaaccccatc	102540
tctactaaaa	atacaaaaat	tagcggggca	tggtggcaca	cgcttatagt	cccagctact	102600
cgggaggctg	aggcaggaga	tttggttgaa	cccaggaggc	ggaggttgca	gtgagctgag	102660

atcgcgccac	tgcactccag	cctggcgaca	gagcgagact	ctgtctcaat	acatcaataa	102720
atcaataaat	aaagctcagt	tctggacctg	ggaagttgca	ggtgcctgtg	aaaagccaac	102780
aggaactgtc	caataggcag	ccacatcagt	cagacgttga	agagagaggc	ccaggcctgg	102840
gtggacttag	agtagggcac	ggtggggatc	gtatacaaac	tgtgtgcttg	tttgtgcttt	102900
actgaatctg	agaccctccc	cagatcctga	aagttgcagg	aatacagcct	ggagaactgt	102960
ccagtgaggag	aggcaggctt	ttgaaagaaa	gatgtagcag	aggtctggcc	ggcctcctgt	103020
tttccacttt	ccatctgtga	acacaaggaa	accacaccct	gtgccacagc	ctgatatcca	103080
ggagatcaat	tccaaatcgc	aggctcaagt	actctctgta	ggggccagat	ggctggaagc	103140
ccaggacaac	ataccagat	tccagacacc	agatcagtgg	taacttccag	ctcagcctct	103200
ctgagatccc	acctcctggc	cttctagccg	ctgatcacta	gaggagaaaa	aacatgtgga	103260
tgcaggttat	ctcaggaaga	agagaggctc	attcggaccc	acactgggtg	tcagcttgcc	103320
aagcacattc	ctgtaagatg	atTTTTTTTt	aattcagcaa	catttgggag	atcacttgag	103380
ttctggaagt	taagtgtatc	aggattaggt	ttggctgcat	gtaaaagaaa	acataaaata	103440
acagtggcct	aaacaagaca	gaattataca	aatgtctgga	ggtaggcagt	ctagggctgg	103500
cttgggtggc	tcaaggttat	cagggaccca	agctccttct	ctgcctttct	gttccatcat	103560
acttactgcg	tagcttccat	ctgcaaagtc	accttgtggt	tagaacagct	gctggagctc	103620
cagctctcat	agccacactc	taggcagcaa	gaagaaggaa	gcagaggcag	aagggcagga	103680
aaaagaaaaa	aaaaaaaaacc	acttcagaag	tcacatgcaa	cacgaataga	tcttattttac	103740
ttagccacat	gatctcagcg	agaattataa	agcacatgca	aatttgaatc	attggaagac	103800
ggttttaagt	ttttttgcta	agggtgtgagc	aagtgcgagg	aaaccactag	ggatagggca	103860
gtgccccagg	ctaattagca	acagtgggac	aagaggttac	tggaaaccag	ggacacagag	103920
ggtcacccca	caagagctgt	cacctctgt	tggcaccaca	gagaggaagg	tggaggaatc	103980
tgtccaccaa	cctcactctc	ttctttctcc	gatctcctgc	caggggcoct	tgtcagtcaa	104040
atccaaccca	aagcccagag	agcgaagggg	cttgttgaac	cagcacctcc	aggccagtgc	104100
cctgggggtg	agaactggac	agagagcagg	gctggaaggc	ggcaggcagg	ctcctggcac	104160
atctttggcc	ataagggaa	ctgggaaatg	tttcctagct	gggtgcattg	aaaataaagt	104220
cacagcctga	tcagaggaag	aaggagaaa	agatatttgt	gggcaactga	gggtctcagc	104280
aacaccagag	atcaggagca	agggtcccag	tgagggcagc	tcccctagca	gtgggaagt	104340
gggttgtgtg	gcctaacact	ggggagacct	gtgtcatgag	gagacattca	tgtggaaacc	104400
cgaggcagga	gcactgcagg	cagaagcacg	gcacgtgcaa	gagccctgtg	gcaggaacag	104460
gtttcccagg	acgttgagg	agggcagcag	gacatgggaa	tgaaggggag	gaggatgggg	104520
aagagggcgg	cagagagcag	acaggggaga	cctggtggtc	cccagcaggc	catgcagcag	104580
ggtctggatt	tgattgcatg	cccgatggaa	ggtccccaga	atgttctgag	ctggtcagct	104640
atgctgcat	gttctcagag	gcacaccccg	gctgtaggtg	aagaggggtg	cccagggaca	104700
agagcggaag	cagggagatc	agggtggtgt	tgcagcagtc	caggtgggag	atgctggtgg	104760
tacggagcag	gacggggcac	tgcagagcga	gagaggtggg	tggattccgg	tgctgcttgg	104820
aaggtcggca	gggtttgctt	tatggatcgt	gagtgggtgg	gtgagggaa	aggaatcggg	104880
gatgactcct	aggtttttgg	ctgagccgtt	gggcagatgg	cagtgccatt	tacagagatg	104940
ggaaggcggg	ggcaggagga	acagattggg	agaggtgggg	aaggggggga	cattaggttg	105000
ctttgcaaac	atcacccacc	aggcctgttg	ctgggcagca	gctctgcgta	gccccctctg	105060
aaaagtgggg	aaaacaccct	ggaagccctg	ccccattgaa	taaataatccc	ctcccaggga	105120
tgggtgattgt	agcattttga	gttagaggaa	tatttctggg	tggagtttct	cagagaggaa	105180
atgaccaatc	attgcagagc	ctcgtcaatt	acaccaagc	cctgccccctt	cccacgtgtg	105240
ctctgccacc	tctctgctat	ggttgacgat	gaccatagca	gaattttctc	ccaggaactt	105300
ctgcaaccag	aggcagcaga	aagcaacgga	gaaaaaatta	actgcatggt	ctctctgaca	105360
acccgatgct	tattaataga	atctcagtc	tgctcctc	acatctgcct	aattgatttt	105420
gggttttagga	accgatattg	agccttggct	tttcgtagct	gaaaccagca	ataacatttg	105480
tctttatttt	gtaatgtcca	agagtcagga	atggttcacc	tttgcaccaa	caaaagaaaa	105540
acaacaacct	ctgagcaaca	ggtctccaga	atccagtgt	attattctgg	attgagttac	105600
aggcacagca	agagttgcca	ccagcagcag	tgagcacatc	tatactaggt	gaaaaataag	105660
agattccctt	tttatgtgtg	tgtgtgtgta	tatatatata	tatatatata	tatttttttt	105720



tttgcagaaa	cctgaaggca	atgagggact	gagtctgggc	tgaggagtgg	caggtgcaaa	108840
ggtcctgagg	cagaagcgtg	cttgggtgtg	tcgaggaaca	acaaggagga	ggtcaatgtg	108900
actggagcag	aggaagctta	gagagagagc	gcacagtagg	agttgtagtt	ggggcgagtg	108960
agcatccgga	tcactgagga	ccttgtagga	cagagggagg	actttgattt	ttactctgag	109020
tgaggcgggc	agtcaactga	agacaaaagag	caacgaatat	gatgatttca	ctgactgttt	109080
taaaagaagt	cctggccagg	caggcatggt	ggctcatgcc	tgttatccca	acactttggg	109140
aggccaagga	aggaggatca	cttgagccca	gcagttcaag	accagcccgg	gcaacgtggt	109200
gaagccccac	ctgtacaaaa	aatacaaaaa	ttagctgagt	gtggtagtgt	acacctgtaa	109260
ttccagctac	tcaggagggtg	gaggtgggag	gatcacctga	acctggggag	gtcgaggctg	109320
cagtgagccg	tgatcacact	actgcactcc	agcctgggta	cagagtgaga	ccctgtctca	109380
aaagaaaaag	cctctggcca	ccaaacggag	aatagaacag	cttgggagcc	tactgcaata	109440
gtccaggcag	agaaaacagt	gattagagtg	aatttaagtc	aaggctcctgt	gtttactgac	109500
tccgccttta	ttttctccc	tgccccattc	ttccttctgc	tgctttccct	aggaggccct	109560
gccatcacag	actctaataa	tatctataat	tttaagaaac	tagccatagg	aaggcatctc	109620
actagttata	catcaaaatc	acccaagttg	agggccgcag	ggatttgtct	gggaggggta	109680
cagggttccc	ctgctcccag	ctgaagcagg	cctccaacag	ataggagcca	cctaagccctc	109740
aggaatggca	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaat	catgttttga	atcctgaaac	109800
tccctggcac	cttgctaagt	ccccatagat	agtgtttgct	ctgacttaga	cctttagaag	109860
agcaaattca	ttcagcattt	cctatgacac	tggcaacgtc	gtcatctgtg	gcaggtcagc	109920
aaaatattga	ttttatcaac	gatggactta	ctggatggtg	catccaaaaa	tatatatata	109980
taactcacac	cttaattctc	taactcgacg	tagttaactt	ggattgagat	taaagggttt	110040
tttctttaat	cacgttaaat	acaaatatca	aacaaatcat	agcacagtgg	tacacaggcc	110100
cccaaaaagc	caccgtgaat	ggggaggcag	ttcaggagtg	tcatgggaga	aactgcattc	110160
tagcagttgg	gtggtttggg	cccccaagtt	taaatcccaa	cagatgggce	tgggggtgag	110220
gcctctccag	cccatcagag	tcacagaggt	gtcagagtga	cctcacccctc	aaccagtat	110280
ggtgggaagg	tttggtcatg	gaaagaaacc	gggtctgttt	ttgtctgcat	gtccccaggt	110340
ttatgttgga	cgaaagaagt	tgaggttggc	tggcccagct	gcattgaaaa	gcttgaaaac	110400
tggccttttc	atttctgtgt	ggcctgtctg	ttcaggtcct	tccctcccgt	cggagctgtc	110460
cttctgcatt	agggtctggg	ctgggcaagg	ggatgagatc	atatgttttt	gtgttacaga	110520
ggtaggttta	cacagcctcg	tcgctatggc	agttttaata	aagcaggtta	ctgtccccaa	110580
ggggaggcct	agcacatagc	actgcccattg	cacagatgct	gctgtcattc	cggggcactg	110640
ttgtccttta	ctcgtggatt	gacacagcgc	tcctccgcca	gctgatttgg	gaagggtgag	110700
tgctggccaa	gagcacctca	cagctcgctt	cctctggaat	gaggaggaag	gagatctaag	110760
catttcgaga	ccctggatct	gagcccatta	aaaacaagaa	atggtttctg	aggctgttca	110820
ctgtttgcc	aggcagcact	gggggctgcg	gagtgcaggt	gatttcatca	ggtgacggcc	110880
tgccttgcgt	tcccttccag	gagaagggtc	tgaccagtta	ggtgggtggc	cagcttttgt	110940
cctttctgca	gggtctggag	accgagagag	gctgagctct	cactaccagc	tgcttcgtcc	111000
tttctccttc	gtgtttggga	ctagggagca	aaggatcgat	tccacttggg	gtgccctgga	111060
ctcgtgcatt	taagaaatat	ttatgagcac	ccactgcgtg	ccaggcactg	ttctaggctg	111120
agctgtggag	ccatcaaaaag	tcacagggaa	cagcaaaccg	gatcagtaga	taaaaacata	111180
aaagtatatc	atgtgttaga	tgatgagtgc	agggttgaaa	atgtcaggca	aggaagggag	111240
tagaaaatat	tgggggccag	ggaagactcc	acggagaagg	gaacttttga	gtaaaagaaa	111300
gaaggggggtg	agggcaccgc	tgcgggggtc	cgggggagag	gtcttccagg	cagaaggaaac	111360
agcagggcac	aggttctggg	atgggagcac	gcctggtcag	tctgtggaca	gagcagggga	111420
ccctgtggct	gcagagagtg	ggcggagagg	gggatggggt	tagggagggg	aggggattgg	111480
gtcccaccac	actctgtgga	tggccagaaa	gatttgggct	cctctgagtg	agcaggagcc	111540
ccggagagtg	tcaggagagg	agactctggc	tacaccgtgg	ggaataagtg	actggagtcc	111600
aatcaggaag	caactggcct	gatttcaggg	agagaggatg	atcgccctgac	ccacggggga	111660
ggtggcaagg	gtacgatcgt	gggtgtttac	gttgaagaga	gggcaacagg	ctttgctgat	111720
ggattggatg	tgggaactga	aagatgggag	gaaccgtagc	caagatgatt	gcccaggtac	111780
ccggaggaaa	ggggagtggc	ttcgggagga	gcaggaggga	cgggtgacatc	agggcttggc	111840



tgtgggtgtg	gcacctgagg	tctaatacgac	agccgaatga	catcaatgga	tgtcaggggt	111900
gtaccaagcc	acacatcaag	ggatgtcagg	tccgggtttt	accaagccaa	tgattgccaa	111960
attctaataca	ttccctcaca	atcttcatca	tatatctgtg	tgccacttgt	acgattatct	112020
acttttttaa	aatcggtgc	aattgtttgt	tggtgtgtgt	gttttaagag	gatttccacc	112080
accctaaagg	aaaagctaag	gttacttgcc	ctaagtagaa	ggaaaccaag	ccacgcaatt	112140
aatctaaggc	aatgccaccc	cctgcctgga	gctcccagtg	gcctttcaca	ccaccagcat	112200
ccctgggtgt	tggtgatgtg	accctggggc	acccccaccc	ctgggtgtg	tgatgaagtc	112260
accactagag	gaccccttc	tgggtcacca	agggaccatt	ctgagcttaa	ctgaagccaa	112320
gagtggacca	agagcatggg	gacctctatg	cacttctca	ggacactgtt	accacctccc	112380
gtgtgactgt	gacattttgt	gaacgtgaaa	ctcagacccc	cgctctgtgt	aggcttgagt	112440
cttcactgcc	ttccagctg	tgcagcctta	gccagtcatt	cagctcccca	ggttcagttc	112500
cctcttctgt	caaattggggc	attgggagaa	ttaagtgtatg	aatgtcttca	gcccagccat	112560
aagcattcag	ccagtgatag	tcgccactat	taattataat	gattattact	ggcatagaag	112620
actgccctct	tccccaggaa	taagttggag	tgctctcagt	tccttagcta	tatcagaagg	112680
ttgcaacacc	caagccttca	ggggctgggc	aggtaatgag	agtgggtgca	gggtggtgta	112740
gactgtaggg	agcacggggg	agtgtggcaa	actggagagc	acatatcctg	tgtgatgcta	112800
tttaattgtca	cattttttaa	acccactcta	caagacacca	acacacaggt	ctgtggacac	112860
caactgggtt	ggattcctga	gatatgaaaa	ccgagtgtga	agatagtatt	ttatatgtta	112920
atcttagctgg	tctctgttga	gcacattatg	tgccaggcac	tgtgctaggc	agtgaacaaa	112980
gtaggctgag	tctctgccct	tgtggtgaag	gcagcaacat	acaaataagt	gaaatcaaaa	113040
tgacttatgt	ttgaggacag	taactgctgt	ggagagacac	ggagcgggga	agcagagtgg	113100
agagtgtctat	gggttgccggg	aggtgggttc	aatacaggcc	aggggaaggcc	tctccaagaa	113160
gggtggtgtct	gatcaataac	ttgaaggaga	cagagtgatg	cctgtgattg	gaggagtgtg	113220
agcatcccag	gctgggggta	cggctgaggc	aggggccagg	aggtgggagg	gcggccaatg	113280
tgcaatactg	ggacctcagg	ggcacgacct	tggtgccttg	attggtggta	aaaattttaa	113340
gtagaagcag	ctgattgctg	agcagagggc	cttccccaga	tcccaggagg	ctgcagtggg	113400
tctgatgctt	gttttcagggt	ttctaggggg	ttgctagggtg	attgggatca	cagccttcac	113460
atgcctggta	gacctgtttt	tgggtttccca	ctgctgtcct	aacagatcac	aaactgggtg	113520
gcttaaaaca	acagaaattt	actctctcaa	cagttctgga	ggccggaagt	ccaaaatcaa	113580
gggtgttagca	tggctgtgct	tcctcagaag	gctctagggg	agagcccttc	cttgccctct	113640
ccagccctgg	ggaccctagg	agttccttgt	tccttggtct	gtatgtgcat	ccctccagtc	113700
tctgcttccc	tttgaatgtg	gccttccctt	ctgtgcctgt	gcgtcttctc	cactttgtgt	113760
cctatgtgga	cacttgtcac	tggatttagg	gccacactgg	ggaatccaga	acaaatctca	113820
tttcagtagc	ctcaatttaa	ttacatctgc	aaagacaccc	tgtattgggtc	tgtcttcatg	113880
ctgctgataa	agatataccc	gagactgggt	aatttagaaa	gaaaaagagg	tttaatggac	113940
ttagttccat	gtggctgggg	aggcctcagg	atcatggcag	aaggtgaaag	gcacatctta	114000
catggcggta	ggcaagagag	aatgagaacc	aagcaagagg	gaaaaccttt	ataaaaccat	114060
caaactctgt	gagacttatt	cactaccaag	agaacagtat	gggggaaaca	acccccatga	114120
ttcaactgtc	tcccatcaga	tcctctcac	aacacgtggg	aaatatggga	gccacaattc	114180
aagatgagat	ttgggtgggg	acacagccaa	accatatcac	cctctttcca	aatatggtca	114240
cattcacagc	ttccagaaat	taggacatgg	tcttatcttt	aggggacggg	ggcaccgttc	114300
aacccactgc	acaccttaag	aactgcaagg	aaaaggggaa	aaaccaagga	tggccataga	114360
agaaggagag	agggtttcca	tgggaatattt	ccatcaaatc	actaagggtc	tgggtacca	114420
ccacagcata	caattgagca	tgcactcgtc	acacctatgt	tgagtaccca	ctgtgtgtca	114480
cacacggcag	cagtgtgag	gattcagcgc	tgagcggagc	acacagcctt	tgcctcctgt	114540
ggaccttggc	ctgcacgcag	tagggctccc	acacacgttc	atttgcttcc	ttccttctct	114600
cttgcccttc	ttcctaagtg	tcttgctctg	cttacagctt	ggttgagaaa	caagagcagg	114660
catggccagg	caagggtggt	catgactgta	atgacagcac	tttgggaggc	agaggcaggc	114720
ggatcacttg	aggtcagaaa	ttccagacca	gcctggccaa	catggcgaaa	cgtcatctct	114780
actaaaaata	cagaaactag	ctgcgtatag	gggtactttg	ggaggctgag	gcaggggaat	114840
cgtttgaacc	cgggaagcag	agattgcagt	gagtcaagat	cacaccactg	cactccagcc	114900



tgggcaacag	agcaagactc	tgtctcaaaa	aaaaaaaaaa	aaaaaaaaaa	acaaagaaaa	114960
gaaagaaaca	agagcaggca	tgaccgaaac	ctcgaagcct	ggggtatgat	cagtactcag	115020
gacacatgct	gcaagactgc	tcagagctct	caagcccagg	gtggtgccag	aggctcccta	115080
cgagagggta	ctaggccgat	gggttggatt	tggggtgagg	ggtggtgggt	tccaggctcg	115140
aagaaaagtg	tggacaagag	gccagcaggg	tttgtggctg	atggcagagc	acctcagcca	115200
gggaatactc	agggagaagg	tttgccacca	ggttggcatg	accagatttc	agtaagagca	115260
aacaattatt	gggaaagttc	caaagaaaag	aaagtataat	cttccctcaa	tttacatggt	115320
ggtttggttc	caaaagaaaa	aacaaaacaa	tgtatattaa	taccctgcaa	aaacaatggt	115380
gtgtttaaaa	tttgtaaaac	agtttgattc	cagtctcagg	tcattttataa	acaggttttt	115440
acctgccttg	caggtagaga	tgcaattaca	gtaccggaca	gtgacagtac	agtcacttac	115500
agtcactcac	ctccagcacc	attgcaaaat	cctccagact	ccagacctgg	acctcaggag	115560
tgtccagggtg	gactcgggac	ccagggtcct	tcctgattat	gcaggacagt	cccaccgtgc	115620
agcagtggcc	cctgccccgt	ctgccccgta	ggtctgcaga	atgtgcccac	tccagacctta	115680
gggatgccac	gtgctgagag	ccccctggtg	ccggtgccgc	ccgggtctcc	tgccctgcgc	115740
cttacttcca	cccttgactt	gcaggttcca	tgcaaggatg	gaacaagacc	cggcgcatca	115800
tggagcaggg	cggggcgcac	ttcatcaacg	ccttcgtgac	cacacccatg	tgctgcccc	115860
cacgtccctc	catcctcact	ggcaagtacg	tccacaacca	caacacctac	accaacaatg	115920
agaactgctc	ctcgccctcc	tggcaggcac	agcacgagag	ccgcaccttt	gccgtgtacc	115980
tcaatagcac	tggctaccgg	acaggtgagc	agggacgggg	gcaggtgcag	gaagggagtg	116040
acagccaggg	cgggcgtccc	taggtgtggt	ctgcacacca	ctgcggtacc	caagttgatt	116100
ctggatagcc	cctagagcaa	ctctcttata	atttcagagt	tgtgcattta	tttctgtgtg	116160
tattaaagaa	atacagattt	atttgcctac	agtagtgatg	taaagtgacc	ttgtcaaagg	116220
aatttgagtc	ccccaaaaaa	gtgagtcttt	tcaaactatg	aatcatagtg	tggagaggcc	116280
ataaggtgcc	catgcatgag	tttgcctcct	ctgttaatag	ttattaagcc	catcaggggac	116340
tgtttcgttg	acttcaaaac	attagcttgg	aagaaggttc	caaaacatag	gggtggggga	116400
tgggaattca	tggaggggaa	cagataatgg	ggctgtgtgg	tcgctttcta	cgtggcagta	116460
accaaggtgg	tgcagaaact	gacatggtgg	ttgactgtcc	acactcacc	gtgtcatcct	116520
gggtggaggg	cgaccagttt	cctgtttgct	tatccttcag	gaggtctttg	gtgggctctg	116580
aaggctcacc	tgccaggctg	gttgtctgag	gtagagatgc	aattacagta	tagtcactta	116640
cctgtagcgc	cattgcaaaa	ccctccagac	tcaattcatt	taacttgctt	taattaaaaa	116700
taaataaata	ctccccgctt	tgggtaagaa	gccgcggcgg	ttgtgaaatc	aagatattgt	116760
ggctcagatg	ttgcaacccc	aggaagttgc	atccaagtga	caaggggttt	gtttgggtgg	116820
gagtgcgcga	agggaaggat	ggactcctcc	tccagccctg	tccgcagtgc	tggacctgca	116880
gccctcgagg	ctgggcagct	tcctctcaga	tacacagtgt	gggtggcgag	ggatgctttg	116940
gtgtggggag	caagccagta	aggtgtgtct	tcttacagcc	tcatcccata	gccagaatca	117000
cctagaaaagt	atgttctgct	gagaactagg	aaggcctcgt	tcctatacct	tgttcctgtg	117060
tattgtgcgt	gccattatgc	agaatcaacc	acctgttgg	tccctgagc	ctctgcagaa	117120
agccacatgt	gtcagaagtt	accatggcca	ccacctaga	tgattggcgg	gggcctggat	117180
gttgctagca	gaagcaggac	aggcaggccc	gcagcacagc	agtgggccct	tattgaagat	117240
gcacctgcaa	cttggtctta	gaaagtacag	ccatgcactc	aagagtgacc	agccttgaaa	117300
tgttttaaag	tctgaatatt	tcaactgaaa	tcttatttta	aaatatgccg	gcacagctta	117360
ttttttcttt	aatgtatact	gggggcca	gaaaatatgt	ctgaggagtg	agtgtgtggc	117420
tcacagactc	tcttttcaca	acctctgggt	gaaaggctcg	tacagaaacc	tttcgttttg	117480
gatgctggaa	gatcagtaaa	gacctagac	ctgttctcat	caatccccct	catttcacag	117540
ccagggccac	tgcagcccaa	aaaagagacc	tgcccagagt	caaagtgagg	tgtttgtggc	117600
ataatcaaaa	tggaatgcaa	gatcatggga	attcagaggg	ggcatggaaa	tagtattcat	117660
cagactgaaa	ggaaactcat	atattctgtg	ccattttgag	ggctcagggt	gggagctaaa	117720
ggctagtgtt	tcaaaatctt	acaggcgaca	tgagaaaatc	aatcatttca	agaataaaca	117780
ttctctaaag	tggatttccc	aaacttgtcc	ttgaatgtat	gcaaatacacc	aaaaagctgt	117840
ctccctaaat	aagtgccttt	attcaactat	gattcattat	tataccctca	tgaagactgg	117900
gagcgtaatg	tcaagtgtaa	agagccagat	accgagaaca	tttacgtttt	tgtaaaactg	117960

ccactgagaa	ttttattcat	tatatattaga	atgccactct	gtacaaagaa	tcccattcca	118020
gccttacttt	cagaactcag	gaccctgaaa	acacctgttt	agtctgatga	actggtgtac	118080
tccttgttat	tacataataa	gagccacata	ccctgtatag	tttccctctt	tgccctggca	118140
gctaggaagc	tcaggtttga	gttttatatt	gagttgttgt	ttaaagtgga	aatgttttta	118200
aagatccaac	tgcgtgatat	gttatactga	tcagtgttga	ctaagaaaaa	tgacaaaaat	118260
ctataatgaa	ttcaaaacct	tttagattat	tttttccttt	tagattgatt	tgtacataca	118320
tattagaata	tactgtaaat	ttttaatccc	ccaaggacca	aaagtaaatt	gttcctgctg	118380
agtcttcagc	catgttaaac	cctgtgttca	cgtggccacc	tagcaaagtt	ggttcagttg	118440
gatttaagtt	tggctgtgtg	tgtgagagag	accggggatg	tcaaataaaa	ttccaagttg	118500
ttctgggtggc	cctgctctat	gaagtgggtca	gagactccga	ctccattttct	ccttattttcc	118560
cattgggtgag	aaacaagtca	tatggccatg	catggcagca	aaagggcctg	ggaaatgtag	118620
tcttattcta	ggtggacatt	tgcccagatg	aaagttatct	tactgtggga	gaagaagaaa	118680
acggatactg	aaggacaagt	gaagtctagg	ccaccctaac	agttatttagc	catttgtgtt	118740
tgtgatactc	gtttgaatag	aggagatcag	cccaaactga	ggaagactga	ccccagaaaa	118800
atgctactta	agtggaccaa	catttcataa	taaatagtgc	ttttaatgta	tttagtaagg	118860
tatttgatct	tgaaatgaaa	ctacaatgtt	tcgagaataa	ctctgttatg	ttacatctct	118920
ttttttcttt	ttctgagaca	gagtccttgc	ctgtcaccca	gactggagtg	cagtggcaca	118980
gtctcagctc	actacaacct	ctgcctcctg	ggttcaagcg	attctcctgt	ctcagcctcc	119040
tgaatagctg	agattacaga	cgcttgcac	tacgcctgac	taatttttgt	attttttgtta	119100
gagatggggg	tttgccatgt	tggccaagct	ggtctcaaac	tcctggcctc	aagtgatcca	119160
cctgccttgg	ccttccaaag	tgctgggatt	acatgcatga	gccaacgcac	ccggccctct	119220
gttaggttgc	atctaattgat	atttaacaaa	tattgggctc	tagttgcaac	taatgagttg	119280
attcttcaag	caagtgaatt	gacgaagtgt	agggaggaat	ataatgtgtt	tcacaaattg	119340
aaatggatgg	cacaagatga	tatcctttac	ttcactaggg	acatttttgc	aaaagtattt	119400
gaggatttga	tcaatttttt	caagggcctc	tcctaattct	ctgacatctg	aatcttcccc	119460
tgtgaagtgc	atctcatact	tcacatcct	tctcaatagt	ctcttctcct	tcagttagta	119520
tctttataga	ccaggttaatt	attcgtcagt	ggatttgcac	gtgttttttg	agctatcttc	119580
cagcgtcatt	ttaattaatt	ttacaaaacc	tgcactcttt	aaaatatttg	caatttcatt	119640
ttgcagtgat	cttgctttgc	atggccccat	gtttgcagtg	gagattgaca	aaagacaaaa	119700
tgagagaagc	taagtttaag	caggataaat	atcaatttgt	tcataaatat	ttctctgtat	119760
ggcttctttac	aacttgaggg	acttggatct	cagatatgaa	taccttgga	aggatcaatt	119820
gcatoctcag	gttttttgtt	ttctttgttt	ttttgtttgt	ttttgagaca	gggtctcact	119880
ctgttgccca	cgctggagtg	cagtggcgta	atctcagctc	actgcaacct	ccacctcccg	119940
ggttcaagcg	attctcctgc	ctcagcctcc	ccactaacta	ggattacagg	tgcgtgccac	120000
cacgcccagc	taattttttg	tatttttaat	agagacgggg	tttcaccatg	ttggccagge	120060
tgacctcgaa	ctcctgacct	caagcgatcc	acctcctcgc	gcctcccaaa	gggctaggat	120120
tacaggtgtg	agccactgca	cctcgccaca	tcctcagttt	ttacaaagggt	tttatagtca	120180
tcctttaaca	cagttcagca	gttgaagtgc	tgttgccctg	cctgtgatca	cttatatatc	120240
cacaagtcaa	agttgtacag	tgttcccaga	atgagacacc	tcccagctct	ctgcagagtg	120300
gttgagggca	ttagcttttg	ctgggtttga	atccagctc	tgcctgttct	tgctgtcatg	120360
aacttgagca	agttatttag	cttctgtgtc	ttggcctcct	caaccacagt	taataatgtc	120420
acttaactca	tagagttttg	tgaagattaa	atacattaga	acagtgtctg	gtacatggtc	120480
gtggttaggca	cttgggaaat	ttagcaatga	tggctgggtg	cagtggctca	cacctgtaat	120540
tccaacattt	tggggggcca	aagtggaagg	atcacctgag	gccaggggtt	cgagaccagc	120600
ttggggcaaaa	tagtgagatc	ccttctcaat	ttttaaaaaa	cagtaataaa	aaaaagttag	120660
caatgacgat	gacgatttgc	acaatagcac	aacatcacac	agcccacctc	aggccagtgt	120720
tctgatgaat	gtcatggtaa	gttgcaactc	tggatcaaaa	tgtggcagca	tgtgtctcagc	120780
ctctggtaat	cagcaaaatg	caaacgcagc	caacagtgc	ttatcacatc	ccagccatga	120840
ccacagcaaa	tatgaagagg	tcccatcgca	ccaaatgttg	gtgagaatgt	aggaaaacag	120900
gaaatcatat	gcgccagcag	catgatggta	aattgttccc	tccactttga	agaacagttt	120960
gccaatctct	ggcaaagctg	aaaatggaca	tctccttcta	ctcagcaatt	ttactctggc	121020

tgtgtccccc	tgggttctga	ggaggtgatg	ttgatgtgtg	agttctgctt	gagcaagggg	121080
acacacttcc	tggctgccct	gtttgtctct	gaagatgtgt	gatgctcatg	gcaatagatt	121140
cccttttagat	ccaacggaca	ggaacccccg	ctgcagctgg	cttcaaaaac	attgaatttt	121200
ttgtctcccta	aacaggccag	gcacggtgac	tgaagcctgt	gatcccagca	ctttgggagg	121260
caggggatggg	eggatcacct	gaggtcagga	gttcaagacc	agcctgacca	acatggtgaa	121320
accccgctctc	tactaaaaat	acaaaaatta	gccaggcatg	gtgatgtaca	cctgtaatcc	121380
cagctacagg	ggaggctgag	acaggagaat	tgcttgaacc	tgggaggcgg	aggttgcagt	121440
gagccgagat	cgcaccactg	cactctagcc	tgggtgacag	agtaagactc	tgtctcaaaa	121500
aaaaaaaaaa	aaaaaaaaag	agaagataca	ggtgagttag	aggcagagtc	ggatcttgtg	121560
gtttacgagt	atcatgatca	tatcacgagg	ctggaggctc	ggacatggtg	gctggcactc	121620
cagcagctgt	gtgcctcctt	gtccacatct	ggcaggagca	agagagcatc	cttttccaga	121680
atgctcaagg	catgagatcc	cttctgattg	gaccaccctg	agtcacatgc	cagcccctga	121740
gccaatcatc	atataaagca	catggtttgt	gccaaactgc	ccagcgtgga	tcacctgctc	121800
tgcagcagct	ggctgagtc	ctttttcccc	agcacttgga	ctgccaggta	gaaatcaagg	121860
gctgctggaa	agaataagga	aaagcatact	ggagtgcgga	tcacaatttt	actacactgc	121920
ctttggcaaa	caaaaaacaa	aaaaaaagta	acatcagctg	gccgggcaca	gtggctcacg	121980
cctgtaatcc	cagcactctg	ggaagccgag	gaggggtggat	cacaagggtca	ggagtttgag	122040
actagcctgg	ccaacatagt	gaaacccgtc	tctactaaaa	atacaaaaat	tagctgagtg	122100
tgggtggtggg	cgctgtaat	cccagctact	agggaggctg	aggtatgaga	atcacttgaa	122160
cccaggaggc	ggaggttgca	gtgagccgag	attgcaccac	tgcactccag	cctggtgaca	122220
gaatgagact	ccatctcaaa	aaaaaagtaa	caacaacaaa	aaggcaacct	tttccagctc	122280
tttctggtga	actagattgg	agtgccattt	tctccccatt	gggataatgc	ctttctcctt	122340
ccacacctga	atctggcagt	tctgaagttg	tttcccagcc	ccagcttctg	ccatccggtc	122400
cagacttttcg	cagagatggt	ggcgggccc	ctgcccttct	gcatcatggt	ctaaaatgcg	122460
tcaggggagc	aggggttaca	tgtctccttac	aagaccaggc	cttgccaggg	ctctcagttg	122520
gagcctgttt	tgggttttg	ccctgagcgc	cccagttatt	ttcactcttc	tcgcacaaag	122580
ctgggtagag	aggtcagctg	aggaccagaa	cctggccatc	agccttgggc	agctaccctc	122640
accagggtct	ggggggcctc	tgtgtcctga	tgaccccacc	ccatctacac	tacactacac	122700
ttggggcacc	ccatcgccct	ctcacacagg	aggatggaaa	ggcgcccgc	aggcattttg	122760
gcatecccaa	caaagtagac	ttgttttttc	cctaaagcgg	tttcattcag	gaccgcaggg	122820
gcaggagggc	tgtctcgtgg	gcgcctctcc	tctgcaatgc	tataaagtgg	cccaatgcc	122880
ctctttccct	gccactctct	ggatctaccc	ttagccctt	gccctgaacc	ccatccaccc	122940
tggccctct	gcctcctggc	catcgcccca	gagctctccc	cagcacatca	agcatgagtc	123000
cagcatcact	tcttggctcc	ccgcctcccc	ggcgctctc	acaggcttct	cctcggcacc	123060
tccagttttc	cagttgtctca	ggccaaaacc	ttagcaccat	tcttgatttt	ttttttccta	123120
ttcctttcac	actccacatt	cagttcatca	gcaaaccctg	tcagctctgc	cttcaaaaata	123180
tgccagaggt	ccctctgtct	gccaccagcc	catccgcgcc	actgtcttcc	ccgcctgcc	123240
tgttccaggt	ttctcctggg	atcccccagc	ttctgcgttt	atgacccctt	ggtctgtttt	123300
caatgcagca	gccagagggg	tctggtcaga	acctagtcca	gatgctcttt	ctcctctggg	123360
cagagccctc	cttggctccc	acctactcag	ggtagaggcc	ccgacagcca	cctcagggtc	123420
ccagtgatcc	ttcccttctc	tctgaaccct	ctcagcctcc	tggctctccc	tcagtcaactg	123480
tcctccagcc	acagcttctc	aagcagtcag	ccacacctga	catgcaccca	ctcacagtgc	123540
tttgcacttc	tttctttttc	tcaaaacttc	tacacgtctg	cactttcctc	gtgtctgtgt	123600
tccaatgctg	cctcctcaaa	gaagccttcc	ttgactaccc	catgcctcct	gttcatccca	123660
gttttttccc	accagtgcc	ccatcaccac	tgaacaccac	tgactgtgta	ttctgcccat	123720
ttgtctcatt	gattgtctcg	tttctaaaa	gccagctctc	aggctgggcg	tgggtggctca	123780
cgccagtaat	tctaacactt	tgggaggctg	aggcggtgg	atcacttgag	gtcaggagtt	123840
tgagactagc	ctagccaaca	tgggtgaaacc	ccatctctac	taaaaaataca	aaaattagct	123900
ggatgtggtg	gcgcaagcct	gtaatctcag	ctactcgga	ggctgaggca	ggagaaccac	123960
tggaaccagg	gaggtggagg	ttgcagtgag	ccgagatcac	accactacac	tctgtcgctt	124020
gggtgacaga	atgagactct	atctcaaaaa	taataaaata	aaatgccagc	tccttgggag	124080

cagcggcctc	tggtctgtgc	cctcgcgggg	tgccaggcct	agagagtgcc	caccccatcg	124140
taggtgtctca	ggagacdttc	ccaggatgac	tggtgactaa	gtctccacat	tctgtccccg	124200
ccagtcagccc	accccatctc	cttccacact	cctttctcct	ctcccgtttc	tctcctctcc	124260
accccactc	ccaccatctc	agcctttcct	cctctttctt	ctcagcctct	ctgcacacac	124320
agggaaagaga	agactgaaat	tattcccggg	atgccgtccc	tgggcccctg	gtgcagctgt	124380
ccctgccttc	acaatggcag	ccttctcttt	gcttggtctt	tctcctgggt	ttgtccctg	124440
ctctcttcct	ctctccttga	gtgcacacaa	gtgtgcacgc	acgcacgcac	acacacagct	124500
ccctctcttc	ctcggtccag	ctgcctctca	tctgccctc	ttccctcccc	ctctccggcc	124560
tgtgggggga	cagcagagcc	tctccattca	ccccgtggag	tgtatccact	gctcacagca	124620
ggtagccttc	ctgtctctct	gcagcgaaca	cccagccttc	cccactgtgg	ggatccgagt	124680
atccacggga	attgcacagc	ccctcctggg	accagggctg	accagcgtg	tcctcgagag	124740
gcacggattt	gcgcctccg	tgcacatctt	caagcgaat	ttcttctct	aatttgatag	124800
tcacttcctt	tctctaagac	ctcagatttc	aaaataagt	aagcacttgt	tttgagcaag	124860
agtctaaaga	attagactcc	gccttaagcg	cccttgtgac	cttgagctga	gacctcatcc	124920
cctctggggc	tcagtctctc	catctgtgca	gcagtgttgt	gacatctaag	cactagtcc	124980
ccagtgcctg	tgataagacg	ccaccctgag	tgatacgtga	cctgtgcccc	caaaccagg	125040
aggagaggtt	ccctgcgcg	taagaggaa	tggccacggg	gaaagaggaa	gctgatgtga	125100
ggcgatggg	gcagggtttc	cgattgtttc	caggcgacac	cctctctgtc	ccacccctt	125160
agcaggtgta	tcacttccc	tagtggacca	cagactgggt	ggcttagaac	aaaaggcgat	125220
tttcacagtt	ccgggagcca	gaaccccaaa	atcaagcatc	atcaggcca	cgctttccct	125280
gcaggcttca	ggggagggtc	ctttgcctt	gagttcctgg	gggttgctgg	gaatcttggc	125340
acccttggc	ttgtggccac	atcactccag	cctctgcctt	catcttcatg	cggcctctc	125400
cctgtgggtc	cctctcttc	cgtggcctgc	tcctctctga	atcagtgtcc	aaatttccct	125460
cttctgtcag	gacaccagt	attggactag	agcccgtctt	gaccagcgt	aacttcatct	125520
tacaacacca	tgttacaaac	acggtcaccc	tcacaggtac	ctgggcaagg	acttgagcat	125580
atattttggg	gaacacattc	atctcgtgac	ggctggtttc	tttcacacat	taaaccgcg	125640
cccccccat	aaaggctgca	gagccgatgt	caaactgagc	aaacctgccc	ctcttcccct	125700
cttactgcc	ccagctgtgg	tcctgggtgg	ggagcagtgt	ggccgcccctg	aagatcagct	125760
ccatgcgtag	ccttcccttc	ccaaccatgg	tttctctcaa	ggaatctcca	cctgcagtgg	125820
gcgttgaac	agctgcagg	tcaaaagtga	gggaagggtg	actgtggtga	cagacaggca	125880
cacctgtct	cctgggcctc	aagaggcttc	cgggggtttc	agagtgcatt	agacctttt	125940
tagtctctc	ctaggtgcta	gctgtgactc	cctgaacatt	ctggaatgag	ttaggctgga	126000
gcaaatggc	ccagtaccgt	tgccactagc	cacagggagc	tatttaactt	tacgttaatt	126060
acaattagca	tttcagtttc	tcaggtgcac	tagccatggt	tcaggtattc	agtaggcgca	126120
catgggttct	gtactggata	atgcacatag	agaatgtttc	cattggcaca	gaaaggactc	126180
ttggacagca	ggagaataga	gcctatggct	ggccctgtaa	tcccggcact	tggaaaggtc	126240
gaggcaggag	gatctcttga	ggccaggagt	ttgagaccag	cctgggcaac	atagtaagac	126300
ctgtatcttt	acaaaaaatt	tgaaaaaaaa	aaaatttagt	ggacatggta	gtccatgctt	126360
gtagcccag	ctacttggga	ggctgaggca	ggaggatcac	ttgagcctag	gagtttgagg	126420
ctgcagtaag	ccatgatcac	accactgtac	ttcggcctgg	gcaacagagt	gagaccttgt	126480
ctctaaaaaa	gaaagaagaa	taaagcctaa	tcaaacaaaa	tcttttgggg	gtggggagtg	126540
acacacagca	ctgagaagg	gcaataaaaa	cgcagggggt	ggtggctgtc	gaactttagg	126600
tgagtgtctt	ccgtgattcc	tcattctgt	tccaatctcc	tcctcctcat	ccctgcactc	126660
acttcccctt	atgctcccag	taccttgatc	tgtcttccca	aaccttcctg	ggtctcgggt	126720
cagggtctca	ggacaggttc	ctgttctccg	agcagcagac	accatccatc	ccggggccag	126780
caggttgtgc	cagccacac	agcaggtcct	ttgggaatcc	atccgtgtcg	caggggattt	126840
gagcaaatga	agggaaaccg	agttcctaca	ccagggccgg	gagcggggct	tcctctgtca	126900
tcctgtgtg	aaaccgttct	agcctggggg	ctccaaatgc	atagagggct	ggcaggtagc	126960
ccaaagcaga	gaggcaggct	gggtggggag	gggtgcccc	gatttcaact	gtggactgtt	127020
cactctactt	tttaagaatg	agcaactgaa	aacaccgggc	aggccacacg	caaacacacc	127080
tgagggatgg	attggtctgc	aggccaccgg	cttgcaaaact	tctttctaag	ctgggtggttc	127140

tcaagggagc	acaccgcccc	ctaggggtta	aactctgtga	ctgcattgcc	ggtgatgggtg	127200
aaggatttga	ctttgtctggc	ttyctggggg	cggagactaa	gaaggaytyt	gatgtcvtgc	127260
tctgcacagc	agagtccacg	tggccccccac	attgcattgt	attccacata	gcttctgagt	127320
ttcctaccac	atcactcata	tgggtagatt	attttatgtt	tattgtcatc	tgagtcttga	127380
acctacgtct	attttatatg	taaatactgg	agggtttttg	catattocca	ggaatgtacg	127440
gaataagaaa	atggaggcaa	tattatactt	gagtgcacaa	ctttcccaag	agtcattcct	127500
tattttctgaa	agtcctatcc	ccgatgacag	tgctacgcc	aaggatttga	atggcacaatg	127560
tcgccccgcc	acccagctgc	ccttgtaatt	gtcacattcc	cagtgaatct	gtgtctaggt	127620
gcaggcgtct	gcttgactac	tgtgtttgtg	cttcttgatg	gatgtgctgg	gggaatttca	127680
tattgaaatt	tatcttcatt	ataaattgct	ttccttttat	tttccctgta	gattgcagtt	127740
agagcattat	attgattttg	tggaaatgac	atgcataggt	agctttttgtt	acctataaat	127800
ttcctttcaa	gaaaacaagg	gcgctctaca	aaatatttgt	catagaaatg	ggaggtcagt	127860
ctgatggcgc	tgagaacagc	tctttgaaag	gtgcaagttag	tgctcagattc	ctccaaggcg	127920
ataattaaat	atccattgag	tgacaggcct	tgttctgagg	gtctgtttgtg	gattttctctc	127980
ccctcctcta	gtccatccct	ctgaacaaaa	ccacacttta	aaaggcacaa	gacagatatt	128040
taagacacag	cttgtcctcg	tgggtgactca	gcaggcaata	aaacctgtca	ctagagatgg	128100
agccctccat	acccagctaa	ttgagtttcc	agggaatgaa	tgggcctcat	cctcatttgc	128160
aggagctgca	agacccttct	agggagcgga	tggctggagc	cagcatttaa	ttaggcacag	128220
gcagcccgc	ctccatgcc	ccaacaccca	gagctccgcc	tggccctgct	acaaccagtc	128280
agcagggcct	tgggtgcccc	cgcagcccag	tcttctctca	tagccacagc	ctcactaaaa	128340
acaggcaggc	ggaagacagg	aatgcatgga	gtggcaagac	agaagcagct	ctcgcctctc	128400
gccctggcga	tctgcttgct	cctgtttgtc	cccagcaact	ggccattcct	tctccccacc	128460
cacagccgga	ggacactttt	aaaaattgta	aacctgacca	catcacttcc	ggctgaaaac	128520
ctcctacggc	tgcccactgc	tttttgata	aactggcatc	tctctgccag	ggctgccaa	128580
accttgtttg	gcttgggtgt	gctcacctct	ctgtccacat	ctcctatctg	tcccttccct	128640
ggtgacagca	ctcaggctgc	ctagcctctt	tgttcctcag	aacttccaag	gtccattcct	128700
gccccaggcc	ctttgtatgt	gcagttacct	ctgtctggag	cactggccca	caaccattct	128760
ggtacaagca	accggtttcg	tgggaagacag	tttttccacg	gactgggggt	gagggatgtt	128820
ttgggatgat	tcaagcgcat	ttcattttagt	gtgcacttta	tttctaata	tatcacatta	128880
taatatgtaa	tgaataaatt	atacatctca	ctataatgta	gaatcagtg	gagcccgagc	128940
ttgttttctc	gcaaccagat	ggtctcacc	gggggcaatg	ggagacagtg	acagatcatc	129000
aggcattaga	ttgtcataag	gagtgcacaa	cctagatccc	ccgcatgcac	agttcacaa	129060
ggggttcacg	ctcctatgat	aatctgctgc	tgatctgata	ggaggcagag	ctcaggcagt	129120
gatgcaagt	atgggaagcg	gctgtaaata	cagatgaagt	ttgtctactc	gcctgccact	129180
caectcctgc	tatgcagccc	agttcctaac	aggccacaga	ccgtacctg	tctacctgtc	129240
tgagccccc	gggttgggga	tccctggctc	agagcgttgt	tcacacactg	cggagaactt	129300
cctccatcca	ttctctcttc	cttctgccc	ttctgtgtc	ggttagtact	cctcaacct	129360
ctcattctcg	accatgacac	cgggctttat	gttctcttta	ggacttctcg	cccccttgaa	129420
attatcttgc	atgtttgtga	actttttttt	ttttcttttt	tttgagatgg	actgtcactc	129480
tgccacccag	gctggagtac	agtggcatga	tcttgactca	ctgcaacctc	caactcccag	129540
gttcaagcaa	ttcccctgcc	tctgcttccc	aagtagctgg	aactacaggc	accaccact	129600
acactcagct	aattttogtt	ttttgttttg	gttttttttt	gagacggagt	cttgcctctg	129660
cgcagccct	ggagtgtgt	gccacgatct	tggttcactg	cagcctccac	ctcccagggt	129720
caagcgattc	tcctgcctca	gcctcccaag	tagctggcat	tacagttgca	tgccaccaca	129780
accggcta	tttttacatt	tttggttagag	atggggtttc	acctggttgg	ccaggctggt	129840
cttgaactcc	tgacctcaag	tgatccacct	gcctcagcct	cccaaagtgc	tgggattaca	129900
ggcatgagcc	accgcaccca	gccaattttt	gtactttagt	agagacaggg	tttcaccata	129960
ttggccaggc	tggctcogaa	ctcctgacct	caagtgatct	gcctgcctcg	gcctcccaaa	130020
gtgctgggat	tacaggcgtg	agccactgca	cctggcgagt	gaacttggtt	tttacatgtt	130080
ttgtttgctg	cccattccaa	aatagcacca	ggcaggtatt	gggtactcag	taaagatttg	130140
aacaaggcca	ggcacggtgg	ctcacacgtg	taatccagc	acttcgggag	gctgtggtgg	130200

gaggatcact	tgagccagga	gttcaaaacc	agcctgggca	acatagagag	accctgtctc	130260
tacaaataat	tttaaaaaact	ggccaggcat	agtggcacac	acctgtgggtc	ccagctcttt	130320
gagaggctaa	gatgggagga	tcacttaagc	ccaggccttt	aaggccgcag	ggagccatga	130380
tcgtgccact	gcattacaac	ctgggcaagt	gaaacctcaa	ctcaaacgaa	taaaaaaaaat	130440
gaacagatgg	agaactcttg	ggccttaggc	ttgaagtcag	caaaaaaata	aaaacaaaaat	130500
ggaatttaga	ttactatctc	atztatccag	catgaagaaa	cataatcgaa	attagttcag	130560
gcaaactttg	ccagggtccca	gtgctcaaac	gctgtcagaa	ccctgtcttt	ctgcttcttg	130620
cgttttctgt	cattgggttg	gctttattag	gaagggtccc	tctttgtgat	ggcaagatgg	130680
cccccacagg	tccatctccc	cagtgtggtg	accccagctg	aaagagaggc	ctctttccaa	130740
gggctccagc	aaaagttcca	gggaaagctc	tcattggctc	atctaggggtc	ttatgtctct	130800
ttcacccaat	cacagcagcc	aggcaaaagg	agataccctg	attgtccagg	ccaacctcat	130860
gggcctggtc	caggattcag	agctagaaaag	agcctcatca	gaacatgtaa	ggctgagaaa	130920
ggggaaagat	tggttccctc	cctctttggt	gactgaaggc	acaattatga	aaagacagga	130980
gaatggattc	tgggcagaaa	aataaaacag	atatccacta	tagaaaacca	catgcaggcc	131040
gggcgcagta	gtcacgcct	gtaatcccag	cactttggga	ggctgaggcg	ggtggatcag	131100
ttgaggtcag	gagttcgaga	ccagcctgac	caacgtggtg	aaaccccgtc	tctactaaaa	131160
aaatacaaaa	ttagccaggc	gtggtagcgc	atgcctgtag	tcccagggtac	tggggagggt	131220
gaggtaggag	aatctcttga	acccgggagg	cagaggttgc	agtgagccaa	gataatgcca	131280
ctgcactgca	gtctgggtaa	cgagtgaat	tctgtctcat	aaaaaaaaaa	aaaaatagct	131340
tcttcttaaa	gggcaagtgg	gaggagagca	tttctcccag	ccccagctc	gctctgcttc	131400
caacataaga	tgctcttttc	gtgcggaatc	atgacccac	cttcctcatt	tgttttcaca	131460
cagctttcag	ttcagcaaga	tccatctct	ggcatccaga	acttttatag	cattgattta	131520
tcacttcgtg	cagtgatttg	catttggtat	tttttttttc	aaaagcagaa	gaactcgact	131580
caggctgtaa	ccttgcaaaag	cagcacaaaag	ttaaaaggat	ccagttacag	aatatcagaa	131640
ataccccagc	cctgagagct	gtggagctct	gggtttat	aatgcatttc	ttgccagccc	131700
tgctctctca	gccaatttgt	ctgccaaaaa	aacaaagact	tcagtcctgt	ggcatttcac	131760
atctaataat	tatgctgttc	tagagtttgc	aaaagggtct	ccttttcatt	tatcactgtt	131820
cctcaggaac	ctccagctcc	cctgctaggt	taatgggatt	gttctctgct	gccagaccg	131880
ggagccccag	gaagccaaat	gacagatcat	gaaagtggcc	cagtggagga	ctcttctact	131940
ggtgtcaggg	gtaggatcaa	aactcagcct	gaaccagctc	agtttctatt	ttgtgacct	132000
gggggccaaa	tatggatctt	gcaaaatggc	agctggcagc	ctgagtctac	acttcaaccc	132060
caaatttctg	tcagagttac	aagatgcttt	ttaaaatctg	gaaatttaac	caaaaatacc	132120
cagattacaa	acttctcttt	aaaaaaaaaa	aaaaaaagat	tatgataggc	ctgtaatccc	132180
agcacttttg	gaggccaagg	tgggtggatc	acttgaggcc	aggagttcaa	gaccagcctg	132240
gccaacatgg	tgaaccctg	tctctactaa	aaatacaaaa	gaattagccg	ggcgtgggtg	132300
tgtgcacctg	tactcccaac	tactcaggag	gctaagggtg	gagaatcact	tgaaccagga	132360
ggcagtgggt	gcagtgagcc	aagatcatgt	cactgcactc	cagcctgggt	ggcaaagtga	132420
gacctgtct	caaaaaaaat	aaaataaaat	aaaggccagg	tgcaagtggc	caagcctgta	132480
attccagcac	tttcagaggc	caaagcagg	gaatcatgag	gtcaggagat	cgagaccatc	132540
ctggctaaca	ccgtgaaacc	ccgtctctaa	taaaaaatac	aagaacaaaa	ttagccgggtc	132600
gtggtggcag	gtgcctgcag	tccgagctac	tccggaggct	gaggtgggag	aatggcgtga	132660
acctgggagg	tggagcttgc	agtgagtgca	gtggcactcc	atcctgggca	acagagcaag	132720
actctgtctc	aaaaaataaa	acaaaaat	gaaaaagata	ataatgataa	tgatgggtatt	132780
gccattactg	gtaacattcc	tgcatgggtg	agattagtaa	actgtggcct	acaggagtct	132840
gctgccagg	tttacaag	tttctggaac	acagccacac	ccattagtgt	atgtactgtc	132900
tgtagctgct	ttggctctac	ggtggcagaa	ttgaatcatt	gcaatagaga	ccttatggct	132960
gcatagctga	aaacacatag	tctggccctt	tcagaaata	gtttgctgag	ccctcctaag	133020
tggcgccagc	ccactggatt	tgtgccacag	atacccccag	gatttattag	aatatagggtg	133080
gagttgaggg	tacttcagtc	cctaattaac	agcggattag	agatgatagg	tgcttatttc	133140
tctcccattt	gacagtttgg	gcataaacag	cctagagatg	atgtggcagg	catggtgttg	133200
gctcccaggc	tcctgatggg	tgatggtcag	atggcgttcc	atcatcctgg	gcgatcgtcc	133260

ttatctaaag	cagcatccca	tcctgtctgc	atccaaccag	caggacacag	aaactataag	133320
ggaagctcac	ttcccttcct	ggaggggagt	ttccagaagt	cacacaccac	ctggtgtacc	133380
cctccagttc	atagaaaata	cagagaatta	caaaggaagc	cagttatatg	aaaacatatt	133440
tatcaaaata	ttttataaac	tgtgatatgt	atgcttcttt	acacataaaa	tggcacgatg	133500
aagcagttat	ttaatggaca	atggataggt	ctgataaact	ccatgatttc	gaagtagcgc	133560
tggctcaa	gataatttaa	gaagtccatg	ttgactacaa	tgtgatatga	aaatatccgt	133620
aattcccatt	ggtgacaaag	tcccagggac	catcattcat	aattgaaggg	gatgctagtt	133680
atagggtta	gaaaataaac	aaatacacat	ttttgccatt	caatttcagg	aaattatatc	133740
ttgggacaac	agattaagaa	cctcttcctc	aggatgatct	attcgattcc	atggcattaa	133800
gtgccatcta	aatgcttaca	gctcctcagt	ttgtaattcc	gtagcttttc	tgtgaacctg	133860
gtctgtttcc	acctgaatgt	ctaacctgag	tctcgaggtt	aatgtgtctg	atttctttat	133920
caacccccat	ccccactct	gcccctccca	gtgtcccttt	cctaaataag	ggcaaactct	133980
tcctcctcat	tgtctggacc	aaaaaccttg	agttatcctt	gactctcttt	acttctttcg	134040
catgccacat	cagcaaatcc	cattgggtcc	acctttaaaa	atagcctgga	accaaccacc	134100
caagcccttc	gctgccacag	attgtgggtc	tcacagtctg	tctcctgaat	gactgtgaga	134160
gtctccaaac	attccagttc	cctgcctcgg	actggcctta	attctaggac	agaagctcca	134220
ggaagatgca	ggttttttgc	tgttttaatt	ttttctgttt	tgttccactg	tatccccagt	134280
gcctagagcc	atcccagcca	cacaggagtc	ctcctttaat	gtttactgat	tgaatgaatg	134340
aatatataac	atcatgatca	ataatattat	gataaaaaca	gtaaccattt	agaggcagtt	134400
aacatatttt	ctcattgaat	ctttcccagc	aactttgtca	tgtagggata	ttattattat	134460
tcctatatttg	cagtgtagaa	aactgagctg	gaaggcagag	gtagctgaac	ttaaatgcaa	134520
gctgttggct	ccagagccca	tgccagccc	tcagacctgc	ctgcctcgga	ggataaaaaat	134580
catttctgag	gccaggccag	gtggctcagc	cctgtaatcc	tagcactttg	ggaggccgag	134640
gcaggtggat	cacgaggtca	ggagatcaag	accatcctaa	ccaacaaggt	gaaatcccat	134700
ctctactaaa	aatacaaaaa	attagctggg	catggtgggtg	gcgcatgcct	gtaatcccag	134760
ctactcggga	ggctgaggca	ggagaatcgc	ttgaacctgg	caggcggagg	tttgcatgta	134820
gccgagatcg	cagcactgaa	ctccagcctg	ggtgacagag	cgagactcca	tctcaaaaaa	134880
aaaaaaaaaa	aattatctct	gaaaccctac	acttctggaa	agactgatct	ggataacgac	134940
tatggctcct	acctgtgtcc	cccacctatg	cttcaagaaa	ggcaaagtgc	ccgggtcctg	135000
ggaatgacct	tccttcaaaa	gcccacggcc	ggatgaattc	tgggaggatg	cagcatggga	135060
agataacctc	agtgtggaaa	ttccctttgc	ctggaattct	ggcagaaagc	acttcggaga	135120
tagtctgagc	cacatcggag	aggaggagct	ctcggaggct	gagtcccat	tgtgtgtgtc	135180
cccaccttta	gccatggggc	agtccctctg	ctgttccctc	ttccctgcct	ctctgcgtcc	135240
ccgtggatgg	gaagagctcc	agtctgtggt	cgctggagtc	ctgctgagag	gctgaacagg	135300
gtagtcacca	aaaggcaggt	ggagacagac	aacctgggat	tgagcctcat	ttcagctctg	135360
acacttgcca	gttgtgggat	gttcggtgaa	aaggggactt	tgcctctctg	tgcctcagtt	135420
tctccatctg	taaaaatagg	acaaaaaaa	ggatctacct	caactgggatg	ttgtagggtca	135480
tcttctaaac	cagtggctct	caaagcgtgg	tcccaggatc	tctagactca	aaactatttt	135540
catgataata	ccaggacact	gtttaccttt	ttaccgtcat	tttccctctg	gtagacagtg	135600
gagttttcta	gcaggtacat	agcatatcta	gttatctaaa	aaggattaaa	atactcttcc	135660
cttttccatc	tgcataccca	ttttatttta	ttttttagaa	ataggggtctc	gcttgtcacc	135720
caggctgaag	tgcatgggca	caatcacagc	tcattgcagc	ctcgaactcc	tgggtccaag	135780
tgatcctgcc	acctcagcct	ctcagagtagc	tgggaataca	ggcacacacc	accacgactg	135840
gctatattta	tatatattta	tttttttagtt	ttttagagaa	tgaggtctca	ctttgtcacg	135900
caggctggtc	tcaaaacttt	tgtttcaagc	aatcctcctg	ccttggcctc	ccgaagtgct	135960
gggattacag	acgtgagcca	ctgtccctgg	cctgcatgtc	tgtgtgaggc	tggatttttc	136020
atgttaaaca	acaaaaacaa	tatatctcag	cagattgaat	gcaaaaacag	atttaagaat	136080
cctgctgcct	tccagtaaac	aagacattga	agagattggc	aaaaatgtaa	aacaatgcaa	136140
ctcttctcat	taattgtatt	ttgtttggga	aaaatatagt	tatttatctt	ttttctccc	136200
caagacagag	tcttgcctct	tcactcaggc	tggagtgcag	tgggtgcaatc	tcagcttact	136260
gcaacctcca	cctcctgggt	tcaagcagtt	ctcctgcctc	agcctcccaa	gtagctggga	136320



ttacaggcgc	cogccaccac	acccggctaa	tttttgtatt	tttagtagag	acagggtttc	136380
accacattgg	ccaggctggt	cctgaactcc	tgaccacata	agtcatcacg	cccagcctct	136440
atztatcatt	ttttaaatgt	atgctaacaa	gtagtgagtt	tattatntaa	atgagtgaac	136500
aaatatgttt	taaatntctc	agttntcatc	tctaataata	taactatcac	tagatataac	136560
caacatacac	aggactctgg	gttccttaat	aaatnttgac	catattgaaa	agcactgctg	136620
ttgccttaca	ctgaccttga	gtgctntttt	ggntntataa	agcacatcca	caaagtgaag	136680
tcatgtcccg	tgtgggcca	atagatccaa	gttcagccag	ccaaacacca	tacaagcaaa	136740
taggaagaca	agaatntaac	aattctaccc	actcctccac	tcacagaggg	tgtgcaccgg	136800
atgataaaaa	aacaaatcta	cgttctcagc	caggcgagct	ggctcacgcc	tgtaatccca	136860
gcactntggg	aggccaaggc	gggtggatca	cttgaggtca	gctcaagacc	agcctggcca	136920
acatggtgaa	accctgtctc	tactaacaat	acaaaaatta	gccaggcatg	gtggcgaaaca	136980
cctgtaatcc	cagccagtcg	ggaggtcgag	gcaagagaat	cactggaacc	cgggaggcag	137040
aggttgagct	gagccgagat	cgtgccattg	cgccccagcc	tgggtgacag	tgtgggactc	137100
catctcaaaa	aaaaaaaaaa	aaatcgacat	tccctcactc	agctgtgtct	cccacaggcc	137160
tcccattacg	aggtgttcgt	tggttcagtt	gtttacccat	ttattccaca	aacgttcact	137220
gaggtctcgt	cactgaccaa	gctctgttct	agatgtgagg	acacagggga	caagggactc	137280
agaaagccgc	tgccctcatg	gggtctggat	tctggtggga	gaagcacgtg	ataaaaaacta	137340
gaagacagat	aaatatgacc	agtgaataaa	tatgtggaga	agcaatgtcg	ggggaaaagg	137400
gagagcctgg	gcggtgtggg	gagatgccat	ttgaatagga	gggttaggat	tgagccccag	137460
taagttaaca	tttgaggctg	gacatgggtg	ctcacacctg	taatcccaga	actgagagag	137520
gccaaagtg	gcagatcgct	tgagcccagg	cattgagacc	agcctgggca	acataatgaa	137580
accctgtctc	tacaaaaaaa	aaaaaaaaaa	aatacaaaaag	ttatctgggc	atggtggcct	137640
gtgcctgtgg	tcccagctac	ttggaaggct	gaggtgggag	gatagcttga	gcctggggag	137700
gttgagggtg	cagtggacca	cgaccgcacc	actgcactcc	agcctgggtg	acagagtgcg	137760
accctgtatt	ggaaaaaaat	taaaagcttt	gagcaaatag	ctgggaaaagg	tgaggaagca	137820
goccatgcag	gtatctgagg	aaggtgattt	ctttcaggta	acagcaaggg	caaaggccct	137880
ggggcaggta	tgagctttgg	ggttgggggtg	ctggttaggat	agaggggagac	cccaggacag	137940
gaggtctggg	ggaaagtggg	ggcagatgca	gtcacggagc	aggacaggag	acagttatag	138000
gactttgtag	ggcatggcaa	ggacttttga	tttttagttga	ggtggatgtg	gagccactga	138060
agggcttttg	acagagtggg	gggtctgawm	aaawwtgtga	tttaagtggg	tccttctggc	138120
tgctgtggaa	gatgggtctg	aggtggaggc	aggaggacca	gggacgaggt	tccagcaagg	138180
tccaggcaga	ggcagtgggtg	gcttggacca	agatgggtgac	aggcggtatga	tgggaagtgg	138240
tcagacctgg	atgtgtcctg	agggtgaagc	tgctgggaca	tatgtgaggg	aggacagagg	138300
agctgaagtc	ccctccatgg	tgcgtagcct	tgacctactg	gcattgacgg	atgtatggat	138360
cacagggcga	aatcaagag	gccggtgtga	agtgtctgatt	tgacacccaaa	tgaagtgtatt	138420
tgaaggaaat	tactaagtat	gcagcgggtcc	aaatgatata	taaaaacggc	caaacgtgtg	138480
tgagaggcac	gcggacaact	ggaattgaga	tgatgccacg	aagggcaaag	accccgtttt	138540
gttttcgcag	actccgtgcc	tgcgaaatgg	cgcgggtctg	ttttgggaag	gacggacttt	138600
ccacaggctt	ctgcttcact	tttcgcgcag	ctctctgaat	tgctttggca	aacactgttt	138660
attgtcattg	gctcggtctc	gcgtctcagc	ccatctctgc	tgatagatgt	gtgtcatgct	138720
cagccgactt	cactgtgcgg	catgaacact	cctccccaag	ctcattactg	gagtctcgga	138780
ggggccttgc	cattttccaa	aacggtgtca	catctggttt	ctaacaacca	tttttatntc	138840
tccagaggtc	caagtnttca	tccccctccc	tgaaaacggg	aagcagactg	tattntggga	138900
actcacagtt	ctntnttgtt	tctgntnttt	tgntntntat	tattntnttt	ttntcagaga	138960
cagaatctca	ctccgttgcc	caggctggag	tgagtggtga	caatcatggc	tactgcaga	139020
cctaaactcc	tgggtctcaag	tgatcctcct	actntggcct	cccaaagtgc	ttggattaca	139080
ggcatgagcc	accacgcctg	gcccntnttc	agagntcttt	atgcacaatc	tcattntgtg	139140
ctgcccccat	ttntatagaa	gaattcactg	aggctcagac	aggagcactc	gcttgcccaa	139200
ggagtcagag	tcctctgact	ctgcaaacca	agctctntaa	agccacactg	caacctgtc	139260
gttaatggta	catttgagca	actntnttaa	ctgtgcactt	tacacagagt	ttcacaacct	139320
cggcactggt	gacactnttg	ggctggatca	ttctntacgg	ggggaggagg	gcatcccat	139380



gcactggaag	atgggtcagca	gcacccctgg	cctctgcccc	atagatgcct	gtagcacatt	139440
ccccacccc	gccaggtcat	agcagtga	aatgtctcca	cacactgccc	agtgtccct	139500
gcagggcaaa	atcacccctg	gttcagtgt	ttctgcacac	agatgtgctt	caggttggca	139560
gccctgcctg	ctccgttgac	ccattttttt	cagcatgtag	cactgtgctg	cagacactat	139620
aatagaaatc	ccttcctttc	tttttctccc	cccacccctg	ccccccagac	aggggtctggc	139680
tctgttacc	aggctggagt	gcagtggcag	gatcttggtc	cactgcagcc	tccgcctcca	139740
cttctgtggc	tcaagcgatt	ctcccacccc	agcctcccaa	gtagctggaa	cgacaggcgt	139800
gcagcaccac	acctggctaa	tttttttggt	tttttggtaga	gacagggctt	ctccgtgttg	139860
cccaggctgg	cctcaaactc	ctgagctcaa	gcaatctgcc	catcttggcc	tcccaaagt	139920
ctgggattac	aggcgtgagc	caccacacca	ggcctagaat	ccctttcagt	aagacatgca	139980
gttgcacact	ctcctgcact	cctgggcgag	gggtgtgacg	cttaacatta	gagggcgctg	140040
ccccaccttg	cacagctgtg	tacctcaatc	aggtgcacct	accagccct	cctgtcggcc	140100
actgetcacc	gtgtgcacac	tctgggcccag	gtactgcgct	ggggtacacg	tgcagcacgg	140160
ctcctgcctt	acggacccca	caccctagtt	ggggaaatga	ggataaacia	gaaaacaaat	140220
gcacttatag	gataatttca	gagagtgcag	agtgtgttag	aggaaataaa	cagcccgggtg	140280
actatagagg	gatgggtgac	cagggacaac	ttctcatctg	acctgagggtg	ccacgggtgag	140340
gaggaggcag	gcgtcccagg	cagaaggaag	agcagggtgcc	aatgtctcgg	ggggtagaga	140400
gcttggctcc	tagggagcgt	gagacctaga	gaagtgtgaa	cagagtgcag	tcagcagtg	140460
gtccctgaag	ggagacggcc	tgatggctct	tggactcaga	agggccctct	ggccatttgg	140520
ggaagtctgg	gctctgggaa	ggctgcggag	gcagaagtcc	agttggaagt	tggctgtgag	140580
aaggaaacag	gtgaagaagc	aagatgcatt	tctgtctttt	ttgggatttt	atatcctgtg	140640
tatatgtgta	tgttgtgtat	tctgtgtatg	gtgtatatgt	gcttttactg	tattttcctg	140700
catcgtgtat	atgtacatat	gtacctgtat	attcatgcat	tgtgtatatg	tgaatgttgt	140760
atatctatgc	atgtgcgtat	gtgtgccata	tattaatgca	tatgtgtatt	tttatatgtc	140820
atgtattcac	tctgtgtgtat	atgtgtgttg	tatattcatg	tatgtatatg	tagtgtattt	140880
gtgcttgtgt	atatgtattc	atgcattgtg	gtatatgtat	gtgttgtata	tttatgcagg	140940
tgcgtagatg	tgtttgtgtg	ctggttccaa	aatatgagga	caaattgcc	aatcaaagt	141000
aataaatatt	taatgaaatg	gtgttgcatt	attcagcgag	tcagctctgg	aacatttgg	141060
ctcttagaga	gctgtttgtc	gattaccttt	aatgtagtgt	gtgggtggaa	atgggtgtgg	141120
atgaacatgt	accgaaagt	gctgatgtcc	ttaaagaagc	cctgttggt	tttccagcca	141180
gatggcccgt	cgtgggggag	agaaagtcc	ccgaaagcag	cgggtgcttt	ctgtcctgct	141240
ggctgcctct	tgggaggccc	ctaggacaga	tcaggctcctg	tttcaccctt	cgcatgcctg	141300
tcagttcatc	cacgtgcata	gcagtgggtg	ggggtgcact	gtcgtttcat	tgccaacaac	141360
cacaggggac	aaagtccctt	gtggtccccc	agctaggagg	tggcagatcc	aggattcaaa	141420
cccagacagt	ctgactgcag	agacgctttg	ggcactctgc	cacattacca	cctgtgttac	141480
tgggaaaagg	gagaactgat	gctgggagga	acagcgtgtt	cctacgcggg	cccggcatgg	141540
cggggacatg	tctgcagcag	ggagagggtg	ccgaggttcc	cagtggtttc	tgggtgcagg	141600
agccctctgt	ctccccatt	gtccgtggct	tgccttagtat	ccccagtgat	gccgtgtgtg	141660
ccctgtgccc	aggtttttca	ccagctaate	tcagtccttg	gtcgccacga	gacacagctt	141720
tcacagacca	caaatacaat	tattacaagg	caatttcagt	tagatttggg	gctgggagag	141780
aaaacagaag	ggtctcctcc	tcccatcagg	ctccgaatcg	ttccccagga	gcacttaact	141840
cagacaaatg	gggaagcagc	cgcgtggagc	ctccaccgta	gagctgcctg	caggggaagt	141900
ggccgacctg	ctgggccacg	aagcagggtg	caggaaggat	atggggagct	agtgatcctc	141960
tccaaggggg	cagggggact	ccattaaacc	agatgttaac	agcaagaagt	tggctataac	142020
aggggacggg	cccattgggtg	gataatgaaa	atataaccct	tagtaggcac	ttgctatgtg	142080
ccagttccaa	gcaatgtaca	gtcgtgtgtc	acgtaacaat	ggggatacat	gctgagaaac	142140
gtgtcgttag	gtgattctgt	cattgtgcga	acatcatgga	gtgcattaca	cgcttggtatg	142200
gcatagccta	ctacacacct	aggtctctgtg	gcgtgacct	ttactcctag	gctacaaacc	142260
ccctacagc	atgtgacct	actgaatcct	gtaggcggtg	gtaacacaat	gggaagtatt	142320
tgtgtatcta	aacatacgtg	aacatgttaa	tagagtacag	taaaaatatg	gtgggcatgg	142380
tggctcatgc	gtgtattccc	agcaccttgg	gaggccaagg	cgggaggatc	acttgagccc	142440

aggagttcca	gaccagcgtg	agcaacatag	tgacacccca	tctctactaa	aaattaaaaac	142500
attaggctgg	gcacggtggc	tcacgcctgt	aattctggca	ctttgggagg	ctgaggcggg	142560
cagatcacct	caggtcagga	gttcaaggcc	agcctggcca	acatggtgaa	acctggtctc	142620
tactaaaaat	taaaaaatta	gctgggcgtg	gtgttgga	cctgtagtcc	cagctactcg	142680
agaggctgag	gcgggagaat	cgcttgaact	caggaggcag	aggttgcagt	gagctgagat	142740
catgccactg	cactccagcc	tgggagacag	agtgaactc	catctcaaaa	aaaaaaaaaaa	142800
aaagtgggtt	caggtaagag	tggatcccca	gggcctcaaa	ccagcatctc	tctatctctc	142860
tatctcttgt	atctctctat	ctctctgtc	tctctgtctc	tatctttccc	acctccgcat	142920
ttttccatat	tgctttacac	acacacacac	agactcttcc	ctcttgggtg	caagatggct	142980
gccagcagct	tcagttatgt	atcccaccag	ttccaagcct	tgaggaagaa	gaccttctct	143040
tttctagtag	ctccctaaaa	atcccagggc	tgactcgctg	cagttggccc	agcttgggtc	143100
acatgccttt	gcctcaacta	accagtttgt	gcatgatcac	caggggaatg	cggtcctcat	143160
gggagtcaag	gatttgcaca	cattcctgga	gtcaacagtc	aaggtcagcc	cgtgcaactt	143220
aaataaggaa	gtgttggtgc	ccaaaggatg	acagagccag	gcaggtgaag	cttcaccta	143280
gtgctgggca	cacaggaggc	agtaagtgtc	ctggcctttc	agcagatgcc	agccctgctg	143340
cccaggggca	gtcgccagcc	agctcattgt	caatggcctt	tcttggcctg	ccattaattc	143400
ctcttaatct	gcctgccaaa	ttttcccacc	cccacgccag	ccccagctt	gccccctctc	143460
ttgtgctgtc	cttgccctga	aagctcagcg	aatccaagct	tcccaggcac	cagccacctg	143520
ccacaatttg	ggctgggttt	ttaatcttgg	ttttaattcc	agctcattct	cttggctgta	143580
tctcccagcc	caggagcccc	ggggcccatg	ctaatttgc	tctcccacct	ccactggtgc	143640
cgaataaacc	atttttaaaa	gtgccttggg	gaaatataat	caaataagag	caaaatctaa	143700
tttggcacta	aaagcctctg	actgaagccc	tgttttctag	ggcctggtgg	agactgaata	143760
atacaccctt	tttgggtttt	taagggttgg	gggttgga	aaggaaagag	acgtgaaagg	143820
ggagatgcta	gcagaggaaa	cagcttgc	taagctgaca	tccgtggcac	tgaaaagaat	143880
gggcaggagg	aggaccccca	cccactccct	atgaagaaat	tcatatccca	gcagccaagc	143940
caagaagcta	aactccagca	ttcatcagaa	agaccttggc	ccaagtcttc	aagaaccagt	144000
aggttcactg	gctggagatt	tgggaagatg	gggagtgtag	cgggaaaccc	agttccccag	144060
tggggagttc	agtgaagcct	ttttctctga	ctttcagttc	acttttctgc	aaactgaggg	144120
ggtgaaaatc	tgtgcttctt	aaatgacttg	tgatctgggc	tcttttcaga	atgtgtcaaa	144180
agctgtggac	ttgtttccag	gaaaatgcac	aaaaggcaaa	atctggcatg	caatgttcca	144240
ggagcggtag	gaacctgccc	actcctcatg	acagtctcca	ggacctatg	ggatctgtcc	144300
cctcttcccc	gtgatgtcat	ttcctccctc	cctcactgtc	ccccttgggt	tctgcgatgc	144360
ccccacgttt	gtactggctt	cagggaactt	gtacctgcca	atccctctg	cctggaacag	144420
ttttcctcct	atccctctg	actcttgc	ttcagcccag	cgaggcctct	cacagcactg	144480
cgtggggcca	ctctgtccta	tcattctcct	ttattttctt	catcgcattt	gtcatcattc	144540
cccactagaa	catcaactgc	acgagggcag	aagggtacct	ggtggtcttg	ttcactcctg	144600
tgattccagt	gcctgggaag	ctccctgcat	accgtaggtg	tttaataaac	acttgccgaa	144660
tggatacagg	catgcatacc	ttccctaggg	cagtgggacc	ccaaattcag	caatttcag	144720
tgccaccatc	atgaggtgta	ccatgcccag	gtacactgat	tctgttaaca	ttttacccta	144780
gattgtttca	ctctggactt	cagttgtttc	aaaaggaatc	ttttacatca	ctgacagtat	144840
tgtttgccac	gagtagaaa	tgtcggggct	ctgtaggggt	gtaacaaaaa	cgcaggtaat	144900
aagagcgaga	tctggtataa	agaaagtgat	tttttattcc	aaagctagct	taggggaaga	144960
agtacagtct	tctgcctta	agggtactgc	tttgctttta	ggagcagaaa	ggagtgtgct	145020
tttaaaagg	ggcctggcat	gaatggcaca	caggggagga	attgagtgtc	gggggggtcc	145080
gcatactctc	ctcgagtact	tcactctacc	ggaagtcagc	tggcagccac	tgggtgcctt	145140
gtgggtggaa	ctaggttgta	agggtggcca	gaagctctcc	acctgggagg	gagtttcgca	145200
gcaggcatac	tttgggttgt	agtggaccat	tgtctctcga	ggcaacctcc	cagtgaagtga	145260
gagttccgct	ccagagcctc	taagcacgtg	attagatgaa	cttgccctga	agagagtgtc	145320
tgggtgtagg	gagataaaa	gttataattg	catttctaaa	gggcgaagtg	gggcacgggg	145380
aaaatggaga	aaaaagaaga	ataaaaaata	ataaaactgc	cggacagggt	ggctcacacc	145440
tgtaatccca	gcactttggg	aggctgagat	gggtggatca	cctgaggtca	ggagttaaa	145500

accaccttgg	ccaacatggt	gaaaccctat	ctctactaaa	aatacaaaaa	ttagccaggt	145560
gtggtggcca	tgcctgtaat	cccagctact	caggaggctg	aggcacaaga	attacttgaa	145620
cctgggaggg	agaggttgca	gtgagctgag	attacaccac	tgccctccag	actgggtgac	145680
aagagcaaga	ctccatctca	aaaaataata	ataataataa	taaaactcat	ctttttctta	145740
gaaaaaatgg	gaataccgat	ttatgtgggg	gcttattaaa	ttttaccctc	ttccttgttg	145800
aggctcctgag	ccgattaaga	aatcagaccc	aagagtcagc	tgatgaaagt	caacactgca	145860
ctctgatgaa	tctggtgaag	gctgggtttg	agggcacggc	ttccttctga	gagcatttgg	145920
gcttcctgac	taaactccag	agtgtgacag	acttcccact	gatgcagggtc	cacacctctc	145980
ctccccgcgc	agacaggaca	agcctcctga	aaactagccc	tccccggggg	cagctcagtc	146040
cccagaggaa	aagcaaggga	agggattggg	ctatgcatgc	ccacttcggc	ccttcaaate	146100
cactaggcac	atgctagggg	tcagcaaacc	acagccaatg	gacctaacca	ggccctccat	146160
ttgttttagt	aaataaagt	ttattggaac	ataccgcgcc	acttgtttat	gtcttgtctg	146220
tgacttcttt	tttttctttc	taacaatagg	gttttagcagt	tgtcacagag	accctttgac	146280
cctctggccc	acaaagccta	aaatactgac	tatctggcct	ttacaggaaa	ggtttggtga	146340
cctctgctgt	atattgtccc	cctcggagga	ggtacgggag	agcatggaga	gaggccagga	146400
gtgttacaga	agtggagccc	ccccgcacgg	agggcagcgt	tagaggtggg	ggtcaagggtc	146460
acaagggtta	ggaaatcttg	tttccctgac	tacacttggt	ctccaggggc	cttcctggct	146520
ctcacaatat	ggctccaaag	acctgagggg	tgagatgctg	gaggggttga	ccataggcag	146580
gtttatttaa	ataagatagg	gtttctcagc	gacgtatggt	ggctcacatc	tgtagtccca	146640
gaactttggg	aggccgaggg	aggtggatca	cttgagggtca	ggagttcgag	accagcctgg	146700
ccaacatgat	gaaacctcat	ctctactaaa	aatacaaaaa	ttagccgggg	atcatgggtc	146760
acgctttagt	tcccagctac	tccgggatgct	gaggcaggag	aatcccttgg	accagggagg	146820
caaagggttg	tgtgaggcga	catcacgcca	ttgcactcca	gcctggaaaa	cagcgagacc	146880
ctctctcaaa	aaaaaaaaaa	agaaaagaaa	agaaaagggt	tcttggtatta	ggcgctgctg	146940
acattttgtc	ctgggtcagt	ctttgtagcg	tgggggctgt	cacgtgcgtc	ggcgaatatt	147000
gagcagcatc	cttgccctcc	acccaccaga	tatcaacagc	acaccaagtt	gtgatgaaac	147060
caaaaatgtc	tccagacatt	gccaagtgtc	tccctggggac	agaaattacc	ccctttctgg	147120
ccaagagcca	ctgctttgag	gagctggatg	cattgaggca	tctccaacat	tccaggtccc	147180
agagaaagag	aagtgcaggc	cttttagcctg	cccgggaatc	tcatgctgcc	tccactccat	147240
cagttactcc	ctgacacctc	gccaggggag	cccagtcgct	gtttaattag	gcacccacca	147300
cctaattaca	tttactctg	tgaaaactgg	atatgactca	gactcagaga	ctgcagccgg	147360
ttccccgcct	cctcctctgc	agaacgccag	gttcttcccg	tttatttttg	ctccatcctc	147420
ccacacaaag	ggagggtcca	tcccggacct	taccctgag	gctgctgggg	gacccctcct	147480
tctatttttc	acctcccctg	tgtaccacga	cccttacagg	aggtgtttca	tcagctcctc	147540
cctctggagc	ggtcacctcc	cggccctgca	tgatgggcaa	gtcatttaat	gaagtgtctc	147600
cctttgcctt	gtattttggg	ggtttcagaa	tccagccgct	tgggttccta	aggggttttc	147660
ccactcctgg	aaagtgtcag	ccatctgcca	ggtcaccagg	aaaaccgctg	cagagggagc	147720
cagctccatc	acagctcccc	cagggccagg	tggctctgtg	ctttctccaa	ggacactggt	147780
ggataggttg	tcctctcctc	taggggcacc	agagcccat	cccacccact	ctcctccttc	147840
ctctgggggt	tcacctccct	ggcctttctc	tcttcacct	ggcttctcgg	ccaagcactc	147900
acgtgcacaa	ggcccagcgc	tgagctgtct	gttagcaaga	tctccttaca	tccctacaac	147960
ctcctggaac	gctcatattc	tgtgctctca	gcaatactcg	tcagaaattt	cagaaccgca	148020
gtgtcctcat	ctagaaagag	acgactagaa	taggattgct	gtctctagac	tcaaattttc	148080
ccattttctta	aatatggctt	tatagattat	aattattaaa	aattatacat	gcaagccaga	148140
caagggtggc	ctcgcctgtc	atctcagcac	cttgggaggg	tgaggcaggc	agatcgcttg	148200
agctcaggag	ttcaagaaca	gcctgtgcag	catggcgaga	ccccttctct	acaaaaacta	148260
caaaaataag	ccaggcatgg	tggcatgcgc	ctgtagtccc	agctactcgg	gaggatgagg	148320
tgggaggatc	acttgagcct	gggaggttga	ggctgcagtg	agccgtgatg	gtgccactac	148380
actccagcct	gggtggcaga	gtgtgacgtg	tctcaaagaa	aaaaaaaaatg	tacatgcaaa	148440
ataaaaacag	aagaggatca	tgaagaggtc	ttgtctgtct	ccttatcaca	gagcttttag	148500
gcacatcccc	ttcctgatga	attaggggtga	ttttctttaa	gctttgttgt	tgatgtaaa	148560

cgtgcatgtg	gaaaagtgca	tggctcccaa	atctccaggc	caatgaggtg	tcaccaactg	148620
aaccacctgc	tccagcaaga	aatagaacaa	gatcatcacc	cgagaaactc	cccttgctgc	148680
tcacagccac	cctccccag	tctccaggat	accactgtt	tttattctaa	catcatagat	148740
tagtttggcc	tgttctcaaa	tttcacatag	atgacgtcat	atggcatgta	ttcttttgta	148800
tctggtttat	ctctcttaac	attcttaggt	tggtgagatg	catccctgtt	cttgaatgta	148860
gcactaggtc	tttcgttcaa	gtttcaatgt	agccttccgt	tctgtaaata	tgcaacaatt	148920
tctttaccca	tccttttggt	gataaacatt	tcatttgttt	ctacctat	actattacaa	148980
atgtgctgtc	atgtcttgta	cctgagttta	ggtagagtga	tgaatacttt	tctgttgggt	149040
aaatacccaa	gatttaaatt	gttgggtaga	agttaccaat	gcattcaaat	ttagcagaca	149100
cagccaaaga	gttccccacc	gtggttgga	cgggtggggc	agccactcag	tgtgtgaggg	149160
ctcaagttgt	cccacatccc	caccatact	aggtgttgcc	catttcttta	atgttagcca	149220
ttctggttgc	tgtatagcag	acagaatcca	agggatccac	aaacttcaat	gggaaaaaaa	149280
gtgacactct	ggttttcact	aacctacagc	tgagacttag	catttgcttc	caatatgagc	149340
ataagccata	aaccacagta	tgttggcaga	atctgtagct	ttgtcatctg	tagaaatcac	149400
cagtatttaa	tatcccattg	cagtttttgc	agatactgca	aaatataata	ttttcactca	149460
taactattct	gaaatgatcg	ctctctacaa	ggttttaaaa	gacacagtag	gccaggtatg	149520
gtggctcacg	cctgtaatcc	caacactttg	gtcaggaggt	caagaccagc	ccggccaaca	149580
tggtgaaacc	ctgtctctac	taaaaataca	aaaaattagc	caggcatggg	ggcagacgcc	149640
tgtaatccca	gctgaggatt	actcgggagg	ctgaggcagg	agaattgctt	gaaacctggg	149700
aggcagaggt	tgcaatgagc	caagatcgta	ccattgcact	ccagcctggg	taacagagca	149760
agactccatc	tcaaaaaata	aaaataaaaag	acacactgta	tcgcaaattg	gtttagtatt	149820
ttgataaccg	tatttccaaa	caattgattt	tctctgtaat	cctatatctt	gtattcaatg	149880
cacgtaataa	cattggagaa	gggatccatt	gctctgtgtg	ccagagggct	ccatggcaga	149940
gcaggtgtgc	atgctcaggc	ctcggacaca	caatagttta	ataaacatcg	tcaggcactt	150000
tctcacgtgg	cctcctgac	catctccctc	cgcagcttcc	ttcgggaagt	atcttaatga	150060
atacaacggc	tcctacgtgc	cacccggctg	gaaggagtgg	gtcggactcc	ttaaaaactc	150120
ccgcttttat	aactacacgc	tgtgtcggaa	cggggtgaaa	gagaagcacg	gctccgacta	150180
ctccaaggta	agctgcaacc	tttcacgcct	gggagtggct	gtgtggccca	gcagttagag	150240
gcccactca	ggagccagac	tacttgggtt	cagatttgtga	ctcaggcact	taaaagtgtg	150300
acottgagca	ttttacatac	acctctctct	cagtttttca	tctctcagcc	agggacagtg	150360
gctcacgcct	gtaatcccag	cactttggga	ggctaaggca	ggtgaatcac	ttgagtcag	150420
gagttcaaga	ccagcctggg	caacatgacg	agacctgtc	tgtacgaaaa	aaatacaaaa	150480
cttagccggg	tgtggtggca	catgcctgtg	gacccagcta	ctagagaggc	tgaaatggga	150540
ggattgctta	agcccgggag	tttgaggctg	cagtgaacca	ggatcttccc	actgctcttc	150600
ggcctaggtg	acggagcaag	actctgtctt	taaaaaagaa	aagaaaaatg	tattcatttc	150660
tcaaaaaata	gtgtctgttt	ccaagagttt	ggttttttta	cattttgccg	agacagaata	150720
ttcttacaga	aagtacatac	acagagtgtg	ccattcaaag	gcttgccgca	caactgaacgg	150780
acatgtgtaa	tgagcaccgc	ggtaggccaa	gaagagaatg	tcaccaccgc	ccgcagcagt	150840
cccctcacgg	aattcccccg	actcgacacc	cctcccgcga	ggataacgat	gattcagact	150900
cttagcgtaa	cagattcact	ctgcatctgg	cttctcctgc	ttagtattat	gttgagttca	150960
ttcttgctgc	ccagcattcc	atcatgcgct	tataccacaa	tttgtttatt	tcttctactt	151020
ttattgggca	tttaggtatt	tccagtttgg	ggttattaca	aatagcgctg	ctgagcactg	151080
tctagaacct	agctcctggg	gagcatagag	gtcattttct	gttataaccg	ttcctcacag	151140
cagcgttgct	gagcacaggg	cgtgtgcatg	ttcggagtga	gtgggtgctg	cctgagcacc	151200
tgacagcagt	gttgatcctc	agtcgtagtt	ttttctgttt	ttaacataag	atgaattgac	151260
atgaggtaac	atgcacagat	cttaagtggg	ccgctggatg	aattttcaca	tacgtgtgca	151320
tctgtttcac	cgcgcactct	ttccacatat	gcgtgcatcc	atttcaccgc	ggctccgatc	151380
aagacataga	gcacttccag	aagactccct	gagaccctc	tccagtcatg	acccccacc	151440
ctggggatga	cgtctactct	gacttctgac	agcgtggatt	atttttgcct	attctagaac	151500
ttcacctaaa	tggaatcgta	tagtctgttc	tcttctgcat	ctgccttttt	tcaccagcg	151560
caatgtctgt	gagatctgta	ttattttattc	attcaacaac	tcatggacat	tttggttgtc	151620

tccagtttgg	gtctattata	aactaagctg	ccgtgaacat	ctttgtccat	ggcttttagt	151680
ggacatatgc	acccatttct	tttggttata	cacccaaaga	aggattgctg	ggacatagga	151740
tgtgttaaga	tggtgcgccc	ggccaggcgc	agtggctcac	acctgtaatc	ccagtacttt	151800
gggagactga	ggcgggtgga	tcacttttagg	tcaggagttc	gaggccagcc	tggccaacat	151860
ggtgaaaccc	cgtctccact	aagaatacaa	aaattagccc	tgcgtggtgg	cgggcgcctg	151920
taatcccagt	tactcgggag	gctgaggcag	gagaatggtg	tgaacccggg	aggcagaggt	151980
tgcagtgagc	cgagatcaca	tcactgctct	ccagcctggg	agacagagcg	agactccatc	152040
tcaaaaaaga	aaaaaaaaaa	aaaaaaaaaga	tggtgcacca	gtttacactc	cagccggaaa	152100
tgggagttgc	cctgcatccc	ttatcagcac	ttggtgttgt	cttttttgtc	agggctgctt	152160
tggtgggcat	gtagcggtgt	ttcattatgg	ttttaccaca	aagggttttg	aggatcacgt	152220
gagtttagtac	atgtagaaca	ttagaagcgc	cccttgcacg	tagtaaatac	tcagtatgta	152280
gtagcttaga	tcagggcaac	aaatattttc	tgtaaagggc	cagatactaa	atatttttagg	152340
ctttacaagg	cttacagtcc	tgttaccact	gcagaagtct	gccgttatag	tgtgaaagca	152400
gccatagata	atatacaaac	aagcatggcc	atgctctaag	gaagctttgt	ttacaaaaac	152460
aggcagtcga	cctgcttggc	tgtagtttgc	tgaccctcgg	cttagatgat	gaggaggaga	152520
aggaggagag	gctgacagtg	atgtttcatc	cagatgtccc	attttaaaag	aaatatggaa	152580
atgaacaaat	cttcctgccc	catctgaatc	ctcagagtca	gctctgacat	ccccccacag	152640
ctggtacatt	ctttcccag	accagctgcc	aaatccatcc	ctctttctct	tttcccatcc	152700
ccactgccac	cagtccctggg	ccctgcctac	tgtgacttcc	cagggttaaag	tcactagaga	152760
acaggcagtc	actgaaagag	ggtagcaagc	caggagtgtg	tggacaatag	ggagtgggtg	152820
agacgggtgga	gaaggtgtct	gtccaaaagg	ggcagatcag	gcccggttag	aactgtgggc	152880
ccagatggcc	acttttcctg	atttttcaac	agaagccaca	aatttgtatt	ttttacctat	152940
gaaatctcct	gattggtaaa	tattggcaac	taattcagac	ttttctaaaa	tcttgcacat	153000
attgagcatg	cctgaccat	gggcctgcag	cccttcagcc	caccatgtcg	ttcttctgcc	153060
agcaccctcc	ggggactgta	cgggtgagttt	cacatttggg	gtcagtggga	tcaagttgag	153120
agccccaacc	ttgacacata	ttacgtgacc	ttggacatgc	tacgtactcc	taagagcctc	153180
aactcccaaa	tctgaaaaac	aagcataccc	ttgcatactt	aatcatgtgt	acttccattt	153240
actgagcacc	tactgtgtac	ccctgagcac	ctactatgta	gtgctcaggg	gtacacagta	153300
gtacttctga	taacatgtag	tacttctgat	attcacaaca	atcatatgag	gggagtggac	153360
tagtcacatt	tggttccatt	attcattcac	cacccccaac	aagtattcat	tgagagcctg	153420
ctgtgtacca	ggtaccatgc	caagtgtctg	ctattccaag	gtgaatgaaa	acagatgacc	153480
caatcatggt	cctcctggag	ctcacagtct	ggcacatgaa	gatatgatat	aaactgttaa	153540
gtgatgtgca	cacatcatta	atgcacacac	acacagtcac	atcacaccgc	tctattttgt	153600
catccccagt	atgagccatt	tcaacctcca	agcttgctag	ttattacagt	catctcagtt	153660
ttgttttgtt	ttttgagaca	gagttttgtg	cttgttgccc	agactggagt	gcaatggtat	153720
gatcttggct	taccacaacc	tctgtctcct	gggttcattg	gattctcctg	cctcagcctc	153780
ctgagtagct	gggattacag	gcatgcacca	ccacgcccag	ctaattttgt	atttttagta	153840
gagatgggg	ttctccgtgt	tggtcaggct	ggtctcgaac	tcccaatctc	aggtgatcca	153900
cccacctcag	cctcccaaa	tgctgggatt	acaggtgtga	gccatggcac	ccagccacta	153960
tagggtaatt	ttttttaatc	agactaggct	cttgaagttg	tttgtgaaca	gaaatttaac	154020
tccagtggc	ttaatcaaa	aggaaatata	ttcacctatt	taactgaaaa	ccagctatag	154080
gggtatcagg	catgggtgga	tccaggagtt	caaatgaacc	cccaaggagt	tgatttctct	154140
ctactgtcag	ctctgttttt	gtctgtctga	ctgtattcac	agaagctctc	tctcctcctg	154200
gtagcagtgc	ggccttcctt	atatectccc	agcttcctgg	ccagctgcaa	gcatgggagt	154260
ctctttccca	ggagtcccag	agagtctcag	tgcattctcat	tggctctgga	tcagtcccat	154320
gtctgtccct	gagccaatca	gagtggccag	gaggatgcct	ggttccttgg	actataagtc	154380
acatgtctca	ctcctgagcc	agacatgggg	gtagcaggag	ctctacgctg	gaacgttggc	154440
tgggaataga	gccccaaata	agaatggagt	ttccaccagg	agaaggctga	ctaggtgctc	154500
aacggccaaa	aaacactctg	tcccacttct	gttctggaaa	ccccggcaca	catggagatc	154560
cctctgcctc	cgacaggtca	tccctgggctc	cctgtaagtc	tgatgggtcc	aggcccaagt	154620
ggcagaagcc	gcccccgcc	tgccttcaag	tctcattctg	cacatagtag	gcctccagcc	154680

tcccaagtga	attaattcca	aagttctgat	gaggcagtc	ggcatggact	ccttgggaata	154740
taaattccag	tcccagggct	aagcacgctg	tttccctcct	cccagcctca	gtgcaggcgg	154800
attctctaaa	tatcctgaaa	aatacattcc	ctccttttta	aaattcttca	ccacatccac	154860
gcctcatctc	agagcagccc	gataatcaag	ttatcccggg	gtgctcagga	ttcttttggg	154920
gctaagcatg	gggacataga	acgtccgctc	ttttgccctg	tttctgccc	acacacatct	154980
ccccctgtga	atgagaacag	ccctgtgagg	gaggcgtgag	aggattcctg	gccccccagt	155040
taccaggggc	ctgggaacag	agatgctcta	acagggacgt	gggcagaggg	cggggcggtg	155100
aagtcagaac	tggctcaggt	ccagggttca	aatcctgagg	gtagcagtg	gcagcaggag	155160
cccaagcgtc	aagggaacag	gggtgagccc	ggggtttcca	gccaaggcag	agctcaggag	155220
ccctgtgccc	tgggccctag	atcaggcagt	aagatgcctc	tggcaaggca	gaatgtcact	155280
gctggcctcg	ggcgggcctt	gttgggaggc	ccaggcaggg	aggaagcggc	aacccttcgt	155340
aagccccctt	cagaaggcct	ctgaggactc	tgtcccaagt	cactaatcca	cagatgggca	155400
catgccacca	aaggggtcca	gatgtcaagg	gcagaaagag	aggcagtggt	gatgagaaaa	155460
gagtataca	ggacaagcgc	taatggcaga	agaggggttg	agaggggaag	acagttgtta	155520
gtgggaaggg	aagtgagaat	gacctagagt	tgagtccacc	cgaaaagagg	cttccaggta	155580
gctggcaaaa	gtgggcctgg	gtgttgggtg	gctmtgcagg	gaggtgatgg	cagtgcwcgg	155640
ccagtgtggg	ggcgacctgg	cagattctat	gaacttcatg	tgccccgccc	cttgccgcag	155700
cgtgtacact	tctctgtcta	tctggagaag	cctcagtcac	aggcaggaga	cggcgtgatg	155760
gagcagctgg	ttgtagctct	gtttattact	gaaagaaatt	agcaaagtcc	accaatacac	155820
gaaataacta	aatgaccgtg	aagcatccct	cctctggaag	atcctcggca	aaggatgagg	155880
ccggtctgcc	ttatgtcctg	agcccatcag	gcagagtggg	aaaagcaagt	tccagaactc	155940
ctgaggtcct	tattcaaatg	tcacctcact	ttagccttcc	tggaccacct	tgtataaggg	156000
cacccccacc	acactcctta	ctgcaacaaa	tcaccatctg	gtgcattaca	ccctgtgtat	156060
attactgatt	catttggtta	gtatctgtct	cttctcataa	gaatataagc	cccatgaagg	156120
caggaatgct	catttgtttt	gttactgct	gtatttgtca	gatagataaa	tgaatatgta	156180
cagtatgatg	tgattaataa	tataaaaaga	tgcataaagt	gatactataa	tgtacctaac	156240
aaaacactgg	aaaggttatt	cccagtaggg	gacagaagag	ccaaggttat	gggggtgggg	156300
gggtggtaag	gagtaatcta	atcaaattgag	acttccactgt	cctttgtact	attttaattt	156360
tcacaaagaa	aatgtaggca	tatggttctt	gaggaataat	gactaacact	catttagaca	156420
taccatgtac	cagatactgt	ttgaatcatt	ttacacaaat	taaccctatg	atttctcatc	156480
atagtctgtg	aggtatatac	tgtgtctatt	cccaactgtc	agatgagaaa	actgaggccc	156540
agagaggcta	agtaatgtaa	ccgggccaca	tagcctagta	agtataaag	cagaattcga	156600
accaggcca	tctggcttca	aagtccatgc	actaaaccac	agcccgtggg	cccagactgg	156660
tggtttttgt	atggcccttg	agctaagaat	ggtttttaca	ttttcaacta	attgaagaaa	156720
caatcaaaaag	aagagcattt	ttcacatggg	atatacaaaa	atgaatgtca	ttcagccttt	156780
aaaaaggaaa	tccggccagg	cgcagtggtt	catgcctgta	atcccagcac	tttgggaggc	156840
caaaccaggc	ggatcacttg	aggccaggag	ttcgagacca	gcctggccaa	catggggaaa	156900
ccccatctct	actaaaaata	caaaaattag	ctggacatgg	tggcacatgc	ctgtagtcca	156960
gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	ggaggcagag	gctgcagtga	157020
gcccaggtag	caccactgca	ctccagcctg	gccgacagag	cgagactctg	tctcaaaaata	157080
ataaaaataag	gaaatcctat	catatgcagc	aacatggatg	aaccttgaga	acattatgct	157140
aagtgaataa	aaccagacac	agaaggacaa	atactgcatg	attcccttac	atgaggcatc	157200
taaattagtc	agacaatagc	agcaaaaagg	agaatggtgg	ttggcagggc	tgaggggagg	157260
gggaactggg	gagttcctgt	tcaagatgta	tgaggtttca	gttatgcaag	atgaaacagt	157320
tccagagatc	tgctgtacaa	catggtgctt	agagttaaca	gtactctact	tcacagataa	157380
aaactttgtta	aaaagcatat	agctcatttt	ttttttacca	caataaagct	tttaagagta	157440
attttcatga	catgtgaaaa	atacatgaaa	ttaaaactgc	atccatacat	aaagctttac	157500
tggagcacgg	acatgcccat	tcattttcct	gatagctgct	ttcaagctgc	aatggcagta	157560
atgagtagtt	gcaacagaga	cagggggcct	gcagagtcta	aaatatctac	tgtctggccc	157620
tttacaggaa	cggtttgtgc	atacttgctc	taaaccacta	tgtatgcttc	tcattaataa	157680
tgttatctgt	ggcggggaga	aaaagatgga	cctgacccaa	aaatacaaa	gccttggtct	157740

cagctctgga	tgcattggctt	atttgtttgg	ggacctcact	tccttatctg	taaaatgggt	157800
ataatgtcca	cttgtcaaag	ttgctgtgac	gatcagctga	gctaagggtat	ttgataacat	157860
gaagagccta	tgatcattca	ttacgagttg	tctggagcct	gtggagctgc	tgccaccac	157920
acgcactgcc	ttggccttgg	agggaaagccc	gggtgcggagt	gcccactcga	gggaaacacg	157980
cttttgccta	gggctgaggc	tggcagttctc	cgcagacact	agctactcag	tcggtgaagc	158040
ttgtggatgc	ctgcaggaaat	cacctgaggc	tcagaggggtg	cttgccagag	ggggccgggt	158100
gcacctcggg	gtcccagctg	tggctttctca	gccctgtgga	gctgtgcagg	ccagcagcac	158160
ctgggtagag	cctgactcct	gggcgcgggg	ttctggaaaa	tgcacctggg	cctgtggacc	158220
tcaccccatc	tcacctcct	gctcacagggt	ctgaatttca	gagttcttcc	tcattggcttg	158280
accggggcac	cccaaacaca	gtttgcccac	ctctgaactc	agcctttccc	cgggcccagg	158340
ccttctctac	ccttccctca	actgcccaca	ccagagacca	acaggggtgg	gggtcacccg	158400
cccctcccgc	acccacatc	cacccagtggt	ctgtcctggc	tgcccctgag	catcgctgga	158460
tgtgtccccc	gccaccctgg	cccaggcctc	ctgttctctc	cctcagagag	aacagggcat	158520
ggctgaagcc	ctgtggccgg	agggatgggt	ggctcttgtt	ggctggcctg	gcactaactg	158580
cccactgggtg	gagcagggtg	gcagcttttg	aggcagggtg	gtcatgtggc	attgaggagc	158640
tagcagagat	cggggaagac	ttagccgagg	agtggccact	gaggaggatg	gataaggagg	158700
ggagctctca	gacatggaga	aatctgccc	gccaccaaga	cagtcctgat	tcttagctga	158760
atgggtggcag	agagctggct	gtgcacagga	cactatggca	agagcttcac	atctattgggt	158820
gctttaacct	gcctgtcagc	ctcaagaggc	aggtactgta	atccccccc	acacactttg	158880
aaacattaga	ctgtgggagc	ccctgaccca	ccctcctggg	tctcattcct	gccccggcct	158940
gagccctccc	ctggaggtag	ccagtatcct	ggagcttcta	cccacacata	cctttattct	159000
ttcatcccat	agggtgatat	ctcaacaat	gtacgatgct	gtgtttgtgt	ccttagactt	159060
tttataaatg	atatcatatc	atacacatcc	ttccacaacc	tgcttttctc	acccgatata	159120
acattgtaag	atttatccac	gtttgatccg	tgttcatcca	cgtagctctg	ttctttttca	159180
ctgcttttaga	atccatttgt	atatcttctc	ctaggaatgg	aggttaatgg	tagctttatt	159240
tttaaaaaag	tttaaccacg	gccaacacag	catatagtcc	taagatgaag	tagtgaagat	159300
gagtctgtta	tgaagagcaa	cgggtggcttc	ccaccccacc	ccactggcgg	gtggcagcaa	159360
gtgtccacca	ctggcgggtc	catctcattc	tcattgccatt	tcctgacttg	accccttcag	159420
gccctgactg	ttgatgtcag	ggtacagagc	tttgaccat	ttttagatcc	attgtaaatt	159480
acctttgtca	ttttaagaac	ttttctataa	cctttatctc	acgttccaaa	actatagcag	159540
cagctctttg	atttatataa	catatattat	ttttatgtaa	taaattctgt	agagccccct	159600
tataaaattg	ttttactcc	ccaaaattaa	tccataaata	atattcaagg	agcaatatat	159660
aaagaagcaa	gtaactttct	ccgtctctct	cctcttccca	gtcttcaatc	agcattttga	159720
tatccttcca	gatttttccct	tgatgtctca	aaatatatga	ggtttagagt	tggtttctcc	159780
tcttcacctt	cccttccctc	tgccccaca	aaaaatagaa	tgtttctgag	tttgactctg	159840
ttgcttgctc	ttacccttaa	ccatgtatct	tggacaactt	tacacatgcc	tttttaattg	159900
ctgcacagca	ttgcatagta	tggaaagcaat	gccaccagggt	gtgttggtct	atgccttaat	159960
acctacactt	tgggagggtg	aggcaggagg	attgcttgag	accaggaggt	gaagatcagc	160020
ctgggcgggc	acttgctagc	tgtatctact	tgggctaacc	actgttagat	actcaagact	160080
ctgtctgtag	agacctgtc	tctacaaaat	aagaataaaa	atgaaaaatt	agctgggtgt	160140
gggtggcacat	gcctatagtc	ctagctactt	agaaggctga	ggcaggagga	tcacttgagc	160200
tgaggacctc	agggttacac	tgagctatga	ttgtgccact	gcaccccagc	ctgacagagc	160260
aagaccttgt	ctctaatatg	tatgtgtgtg	tataatatat	atacatgcat	actgttaaac	160320
atatatcctc	ctgctgggtca	ctgcaatgtt	tttgttttat	aaacaatatt	gcagtggcca	160380
ttcttgtgca	tatggatata	gtggatgagt	gtacctgaaa	gagtgtctgt	agatatatga	160440
atacatcatg	gtatgtatat	atgttgtata	cttcagggtg	gaagctgtag	acacctcttc	160500
accttttttt	cttgaataa	atcaactttt	gaaagtaatt	gttttgggca	gagctgcttt	160560
ctagcagagg	gtatatattca	agaagtcatt	accttgaaga	aagattagca	gctaaatatt	160620
tactaaattc	aggaagagtt	gtatgggtgc	tgtggctcac	gcctgtaatc	ccagcacttt	160680
gggaggccaa	gggtgggagga	tcacttgagc	ctgggagatg	gaggctgcag	tgagccatga	160740
tttcaccact	gcactccagt	ctaggcaatg	gagcaagacc	attgctccat	tttttgcctc	160800



atgacaaaaa	aaaaattaaa	gagtatagge	aaacctcaac	ttcttagctg	agctttttaa	160860
gcctccagtt	ctggccattt	acttttctc	caactcttct	ctcctcttgc	ccaatatgta	160920
agtcagttcc	ttatttttct	ggagacatta	ctgcatcccc	atcccttttt	tgtgtgtgtg	160980
ctgtctcotta	tatcatttct	gcatttttacc	ctctgacatt	ttatcctctt	tccaaggagc	161040
cagttgccat	ctgcccctct	ttctattttt	agagcacatg	gcaagcacat	tcctgcctca	161100
gaccccgtta	tctctgcctg	gaactctttc	ctggatcagt	gattctcaat	cctgagtacc	161160
cattagaatc	ccctggggag	ttttttaaaa	gtctgatacc	tgggccaac	cgcaggccaa	161220
tccaaccaga	atctctgggg	gtgggcccag	gtatcagtaa	gctctccagg	ggattctggc	161280
aaaatccagt	gatacatatc	ttcctatgcc	cagctccttc	tcattcattca	ggtctcaact	161340
caaagtgcac	ctcctcagag	aggacctccc	tgactgcccc	agctaaaata	tgccccctcac	161400
ctcagctccc	agttactctt	tgttacatct	ctctgtttta	tgatatttcc	ttcatctgtc	161460
ataactttta	actaccttgg	ttcttttatt	atacatgtgt	ctgtccttgc	cccagtgtag	161520
gcaccccagg	gacttaggga	tatacccacc	ctgcatgaca	gtgtccccag	agccttgaaa	161580
aaacttcaga	cttaggagcc	aagactatgt	agtgtctggg	ccaacattta	ctagctgtgt	161640
gccattgggc	aatttactta	gcttctctgt	gccttaattt	cctgttctgg	aaaataagga	161700
ttatcatcat	acgtactttc	tatagttatg	tcagaattaa	gcgagcaaat	acaggtaaac	161760
acagaacagt	ccttggcaca	tcgtaagcac	tcaatagtgt	tagctattat	tcttttaata	161820
tctttttttt	tttttttgag	tcagagtctt	gctttgtcac	ccaggctgga	gtgcaatcat	161880
gcagtcgtgg	ctcactgcag	cctccacctc	ctgtgttcaa	gcgattctcc	tgccctcagcc	161940
ttctgagtag	ctgggctaca	ggtgtttacc	accacgcctg	gctaattttt	gtatttttag	162000
tagagatggt	gtttcacctg	gttggccagg	ctggctctca	actgacctca	ggtgatctgc	162060
tcacctcagc	ctcccaaagt	gctgggatca	cagggtgtgag	ccatcccacc	cagcctatct	162120
taatattctat	ctaaagtgat	ctattgcaat	tcctgccctg	ttctccctat	ccacttctct	162180
gctttatgtc	caattagctt	agcaccatct	gcattcattg	tctggcattt	catttatttt	162240
acttgcttat	ttcttgtctg	tctgtctcct	agactgtcag	ctccagaagg	gcagaaattg	162300
ttttgttcac	tattgtgtcc	ccagtgccta	gcagggtgcc	tggcacgtag	tggacaccag	162360
tatgaatacc	tggctcctca	cctgttctcc	tgtctctccc	cacccccag	gattacctca	162420
cagacctcat	caccaatgac	agcgtgagct	tcttccgcac	gtccaagaag	atgtaccgc	162480
acaggccagt	cctcatggtc	atcagccatg	cagcccccca	cggccctgag	gattcagccc	162540
cacaatatcc	acgcctcttc	ccaaacgcac	ctcagcacat	gtaagcctca	gcactctgcc	162600
tgcagagggc	actgcttagc	atgaaggggg	agggctcagg	tttagcaaca	gtactgtcac	162660
caccatgact	tcactgtgcc	tcctctctaa	tcctcctggt	ttaaagacct	caagaacata	162720
ctgcttgtcc	atggtgaaac	tgggatgcaa	ctccagacag	cctgggcaac	agaccaaggc	162780
aggagaatct	ttacttggg	atacacggcc	tcacaccaag	aggtgtgtgg	atggaactgc	162840
atagaatagg	tttcttttta	atgccatgtg	tattttatct	aagacatcta	aaaacattct	162900
tttgaggagg	gggtctatag	ttttaccaga	ctaattatct	gccaccatct	attgagctgt	162960
gggctatgta	gcagggtctg	tgttaagccc	ttggcattat	tgtccagtcc	ctgaatattc	163020
acagtgaccc	ttgggtgtacc	agttatctat	tgccatgtaa	caaattcatcc	cagaattctag	163080
caacttaaaa	caacaaacac	aaattatctc	acgggtgtctg	tgagtcagga	atctgggagt	163140
ggctgttctg	agcttctggc	ccagggtctc	ctgagggtgc	aatcaagggtg	tcagctgggg	163200
ctgcagtcac	ctgaggcttg	actggggctc	agtcctcatgg	ctgggtcttg	ccacaggagc	163260
ctctgtccat	agggtgtttg	agtgtcctca	cagcatgata	gctggcctca	cccagagcaa	163320
atgatcagag	agagagtaag	gccaagaagg	aagccacagt	gtctttttaca	acctaatctc	163380
ggaagtggca	ccatcactgt	gccacattct	attggtcaca	cagaccgggc	cttctacaat	163440
gtggaggggc	tacgcagggg	tgtgaaggcc	aggaagttaga	gattatcaag	gkccatcttg	163500
gaggctgcct	gtcacacttg	gtattcccat	tttacagatg	aagaaactga	ggcacagaga	163560
ggtaaggtaa	cttacctgag	gtcaccacgc	tctaagtggc	agagccagga	ttcaagtcca	163620
gccccccact	tctgcttccc	atgctctctg	ccaccctgtg	agtactctat	ccagctgggt	163680
gggaaacttc	ctggaaaagt	ctcctgtctc	tctctgcctc	agaccacccc	ctgcttagca	163740
gtgactcagc	agcccttact	gtgacattct	ggggctgcaa	ggatgggggtg	gtttggaatc	163800
tgcctgaata	ttcagggtgt	ttggcttcat	tacaattctga	atacattgcc	ctcctcaagc	163860



ccctcctgta	attacttttt	gacagacctc	gaagcagctc	agagagggta	ccgaaggcac	163920
tggtcacctt	cccatccctt	gatctctggg	gaggaggctt	tgacagaaga	cgatgagctg	163980
cgtoocaggg	gctgcagcat	tgetgctgtg	cacatctgtc	tggtccccc	tccaaaccca	164040
agcccactcc	tctccaccca	agaaggccag	cctccccccag	cagccggcac	cccgccttac	164100
cgccacttag	aactcatccc	tgcagcgggt	ggaggccact	cagccctgtc	taaggagaa	164160
gccgtgggtg	aggggaagga	cgctttgctt	cggcagcatc	tctaaaagag	gtgccggctt	164220
caccccaaac	agcagcgagc	ggtgccggaa	tttcatgatg	aaattgtttg	gcattgcctg	164280
ctggttttatt	ttccctttga	aatgaaaatt	acagaaattg	aaaatgagca	gtgtctgtct	164340
ttatgtggag	aagccccctt	tgcctttctta	ggggcatgtt	tggaaggctg	tctcatctct	164400
ggagtataat	catttccgaa	agaaacaaaa	aaagagaaag	tcttcagact	aggatgttaa	164460
atgatgacag	tcaagaaggg	gtggagaggg	gacagagccg	gggcgcacgg	ttagagcact	164520
ggatctttct	gttaggggtc	tcctatccca	tctctccctt	agaaagccgg	cacatgccct	164580
ttcctggggc	aggccttggt	tactctggca	aaagtgtgta	gatggtggta	ccatccaccc	164640
cgcagacccc	aggccctgtc	accctcccca	tgcacccccc	cacacacaca	gtcacatata	164700
tacagacaca	cacaaagaca	tgcaaatata	cacaggcaca	caaagacata	ccacacaagc	164760
agatacacac	aatgaaacac	acacaagcct	gggcaactta	gtgagactct	gtctctacag	164820
aaaattttaa	atcagccagg	ggtggtgggt	cacacctgta	gtcccagtta	ctggaaaggc	164880
tgaagcagaa	ggatcacttg	ggcccaagag	gtcagaggct	cagttagcta	tgattgcgcc	164940
actacactcc	agcctgagtg	acagagttag	accctgtctc	gaaaaaaaaa	aacacacaca	165000
tgcagacaca	caaaaatata	cagttacaga	cacacacaaa	gacatacaca	cacgcaaaaa	165060
aagacatagg	cagagataca	aagatacaca	caggcgtgcc	cacagacaca	gcccaccagc	165120
cctcagagct	tcccttcaaa	gggcgctgat	tgtggcttca	agggcttttg	ggcgagggat	165180
gttggggctg	ctgctgatgg	ccccagacac	acagtggagg	ggctgtgagg	acaccaccat	165240
cttcccgcca	tttcccagc	agaagggaa	ggggatggtc	ttcttcaagc	ccttttgtga	165300
acgcaccaga	tattcctcgg	atgctggagg	aggtgaagtt	ttcagatgtt	tgttgaaacag	165360
gcagctgggc	ccatgggaag	atgccgacat	cctccctggg	ggagcctggc	ttgacacagg	165420
caaccagcaa	gctggcgctg	accccaagca	ccacccgctt	ctgctgcctt	ctggcctcag	165480
tgtoctttct	caaaagcgct	ctctccgagc	cggggctgca	gaaatcatca	tcctctgaac	165540
agtcacccct	cactgttctc	gagggccgat	gtcagcctaa	cttctcatgg	attcagggat	165600
gattgctgaa	aattgcatcc	tggaaatccg	gcccttgggc	ctgcgggacc	aattttccca	165660
cacgctcgct	gctctgagag	cgtctctgtc	cgactgctgc	ccccagcagc	cccctttcag	165720
ttcctcggtg	ggagagatct	gagaggggag	ctgagcttgt	tcctgggaat	gttctacatg	165780
gcgggtcagg	ccttgagaca	gcagagccag	cccacaggag	agcctggccg	ttctgtaatg	165840
aaaggaagca	tgggccctga	tggattcagt	ggcatgaggc	tgcagatcag	ccaggggctg	165900
agaaagccga	gtccagggga	gccttggaga	cagtgactca	cctcccgctt	tacatagcaa	165960
cgggtgtccac	agctgccaa	ctaccccagc	ggcagcgtca	caattttctg	cccggacgat	166020
tgtgatatac	gagacgctgc	tgaagtcccg	acgtaccagg	ccagagggag	acatgtctgt	166080
gcccctctga	ccaggcttgt	ttttcctcct	cttcttcgag	ggagctcctt	gccccagaa	166140
caccactgtt	gaaaagcagt	ggaaactcac	cctttacttc	agccttgact	gggaagagag	166200
gccagatttg	cagggaaact	ggccttcaag	aaccatcagg	cccagggcga	ggaagcccac	166260
gttttgtgag	gccttaaaca	gtgcctcctg	tcaatgggtc	accccaccca	ggagactccc	166320
ccatgctgcg	gttttcagta	gctcggagcc	aggggcccgg	cataaactga	ggtgacaagg	166380
aggtgctctt	ggtttgctca	caatgtttcc	tctggttttg	gtttaatctc	ccattgacta	166440
accaggaaat	agagaggatc	agagaagttt	ggggacctgc	ccgctgtctc	acggagttag	166500
tgacagaccc	agtgtacctg	acttctgccc	tggagtcacc	cgtgattact	aatgacaaa	166560
ggacacacca	atgataacct	ctcccaagca	gtcatcacgc	actggccatg	gttagaagg	166620
ttccctttac	agcctctccc	tcagtgtctc	caaccttcct	gggaactggc	actgtctgta	166680
ttctccttgg	gtaggaaatg	agggaaactga	tgccttggga	ggggactaac	tggccaaaga	166740
cagaactggg	gctcgaaccc	cagcagctgg	tatagtcaac	cactgccatg	atatcatcat	166800
agatacctgc	ttgggggtccc	tccatccctc	acatcacagg	tgctcagaca	gaactttgcc	166860
caacacactc	ctgctgcacg	attaagcagc	atgccaggtg	cagtggctca	tgcttghtaat	166920

gccaaaactt	tgggaggcca	aggtgggtgg	atcacctgag	gtcaggagtt	caagaccagc	166980
ctggccaaca	tggcaaaacc	ccatctctac	taaaactaca	agaattagcc	aggtgtgttg	167040
acacaagccc	gtagtcccag	ctactaaaga	ggctgaggca	ggagaatcac	ttgaaccag	167100
gaggcaaagg	ctgcagttag	ctgagatccc	accactgcac	tccagcctgg	accacagcaa	167160
gactccatct	caaaacaaaag	aggccagggtg	cagtggctca	tgctgtaat	cccaacactt	167220
tgggaggcca	aggtgggcag	atgacgaggt	caggagatcg	agaccatcct	ggctaacatg	167280
gtgaaacccc	atttctacta	aaaatacaaa	aaaattagcc	aggtgtggtg	gcacgcgcct	167340
gtagtcccag	ctacttggga	ggctgaggcg	ggagaatcac	tcatactggg	aggtggaggt	167400
tgcaagttagc	tgagattgag	cccctgcact	ccagcctgag	cgacagagcg	agactgtctc	167460
aaaaaataaa	aaagaatgtg	gcatgtccca	aatgtgcaca	ttcaggtgcc	ttcctcacia	167520
ttctggcctt	acacataaaa	ctatgactta	tttcattttt	aaatccattt	ctattatttc	167580
aaactaaaat	ctattgcaaa	aggatattcc	gtggctcctac	cttaaccaca	ataactgcca	167640
cctgccattc	accaaaggta	actgccatct	accaataata	ggtacaaggc	acacaaaagca	167700
atgctatgga	atttgagttg	ggtactggtt	cccgatgaag	gctctgaact	tgactttctt	167760
cccttttttc	aaaaggaaga	cgagcaaagt	ctagagaggt	gttaaagaaa	cactagcacc	167820
aaacagactt	tgccctgaga	gagccgacaa	gggactggct	gtctcacttt	gtcactcaag	167880
gtcactgaat	gctgtgcctc	ttaggagctt	cccaagtgca	cacttcacac	gtggagaaaac	167940
gctgaaacag	ggtttgata	agcccctgac	atgccaatgt	cccctttccc	accaggagat	168000
cacacctggc	cctgggctgc	agacacagca	cagggtggct	gctcatccgg	gcgggtctgg	168060
cgggggccag	gcagggtcca	ggctgtccct	gggttgacc	gatgtgtatg	tccttgcca	168120
ccagcacgcc	gagctacaac	tacgcgcca	accggaaca	acactggatc	atgcgctaca	168180
cgggggccat	gaagcccatc	cacatggaat	tcaccaacat	gctccagcgg	aagcgcttgc	168240
agaccctcat	gtcgggtggac	gactccatgg	agacggtagg	cgcccgtgct	atgcctcttg	168300
gtgggcgtgg	ctccgaaccc	ccagccaggc	cagggcagag	acctcctggc	ccttcagggt	168360
tttctgggag	gaatagaaat	caaaggcrga	atgaagaggc	cccatgtgct	agacctgggg	168420
aacagcttgg	agcaatccag	acaaaagcct	cttccttcat	gaaacatttt	ctagatctgt	168480
gttgcccaat	acggttaacca	tatatgctag	ttatatTTTT	tcctgctatt	tacatttttg	168540
aacacattta	ttgggatgta	attcacatac	catacaattc	ccccaatata	agtgtgcaat	168600
tctgtggttt	taatatgcc	agagttgtat	aaccatcacc	acatccatgt	taggacattt	168660
ttcttaccct	aaagagaaac	ctcacagccc	ttagatggcc	cactaaatct	ccctcaccct	168720
cagccccaga	caactggtga	tctctttctg	tctctataga	tttggtgttc	tgcaacttc	168780
ctataaatgg	aatcgtacac	gctgtggcct	tctgtgcca	gcgcctttct	ttcacttagc	168840
gccacgtggt	caagcttcac	ccctggtgtc	gcatgaatca	gtccccctca	ttccctgtta	168900
ttgctgaata	atatcgcat	gtatgggtat	tgacacattt	tatttagcca	tggctattta	168960
aactgaatgc	agtaacatta	taaagtcagt	tcttctgtca	cacaagcctc	atttcacatg	169020
ctcagtaggt	tctgtgtggt	ggagccaata	tgtgtccata	tgggacagtg	cagacattaa	169080
cacggccacc	aatgcagaaa	gttctgccac	acggcgccct	tccagatcgc	aagatcctgc	169140
cataggctgc	agcccaagtt	tactcatttc	attcattcac	ctgacagcat	tattgagtgc	169200
cagtgtacgt	gggatacagc	aggcaggga	caaatgaca	aaagtgtctg	ccctaagga	169260
ggcagcatgc	caaggcaggg	acacagatga	tccacagata	agtaaaagag	atggatgcca	169320
agaagggcca	tgaagaaccg	tggaggggag	ggcgggccag	gggtgacaag	aggcagggaag	169380
gtgcagttagc	aaaggggaca	gccccctggg	aagttgagca	aagacctgaa	gcaggggagg	169440
gacggggcct	gagatctcaa	gcgcctgtca	ccccgggtcg	gagacggggc	aggcaccag	169500
ccccactgt	cccttgccctc	ctgcgccgtg	ttgcagattt	acaacatgct	ggttgagacg	169560
ggcgagctgg	acaacacgta	catcgtatac	accgccgacc	acggttacca	catcggccag	169620
tttggcctgg	tgaaggggaa	atccatgcca	tatgagtttg	acatcagggt	cccgttctac	169680
gtgaggggccc	ccaacgtgga	agccggctgt	ctgtaagtgt	gtcatcccc	agggaaccag	169740
ggagggccct	gggcccagct	cagggtctca	accatgcagc	ccaaacccaa	gccaccctg	169800
ggtggcacac	agttttcgca	gatgtacccc	agggccagcg	gaaagcaatt	atgtcatgca	169860
tgttatatcc	ctctgctggg	gaaggagagg	ccgggagctg	ttagcacctg	tggaaacagg	169920
tgtggtgggg	ccgtatgcca	ggaaatccag	ggagctgggc	tgtatacgtg	tgtgcgcgca	169980

catgcatgtc	accagcgggt	gggaatggtg	cttggatttc	tgttctgggc	tgggcagtct	170040
ttgagcctgg	aggttgtcag	ggaggaaccc	cggaccacag	cacaggcagc	tggttgtcag	170100
ctgggatcag	ctgagccaac	tctgggcagc	agcacaaagg	gaaatgctct	tccctcccat	170160
ccttcctgga	ggaccacgtg	ggcgcgagcc	ctcagccagc	cattctcctc	gggctaacct	170220
ttgagttgac	atgttctggc	agcgaacatg	ctgcgtctgg	ggcaggggag	cggacaggcc	170280
actgttcccc	gcagcagctt	ccttggtatg	gctgggatat	tatggaggct	ggctcaaatg	170340
aggtttttga	aaagcagatg	tgttgctatt	aagactgtca	tttggctctg	cttctgctca	170400
tgcccagatg	tgggaacaca	caccacagc	tcacacaggg	ctggctgcgg	aattcctcct	170460
gaaaaggcgt	tgacagtga	gtgtggaatt	ccagactgac	atgttccac	tgccttggac	170520
atthttgcgag	aattccagga	ggcaggctgc	atgagttcaa	ggccagagaa	agtgatgact	170580
gactgttgac	cttatcagat	cacgcccgtc	tttggctctt	agcgtcccca	ttggactaag	170640
agctgtaata	acgacagtcc	acacgtatgg	agtgtctact	cttcagggcc	tggctctaaga	170700
actacataat	aattcattgc	aagccggggc	ctgtggctca	tgcctgtaat	cccagcactt	170760
tgggaggccc	aggtgggcag	atcatttgag	gtcaggagtt	caagaccagc	ctggccaaca	170820
tgggtgaaacc	ctgcctctac	taaaaataca	aagattagct	ggacatggtg	gcgtacacct	170880
gtaatccag	cactcaggag	gctgaggcag	gagaatcgct	tgaacctggg	aggtggaggt	170940
tgcagtgagc	cgagatcatg	ccactgcact	cgtctggcgg	acacagtgag	actccatctc	171000
aaaaacaatt	aataattcgt	ttcagcatca	caactgcctt	gtgacgtgga	tgctcatagt	171060
agccccattt	tacacccaag	gccactgagg	cacggagagg	ttaagttgcc	tgagtttaca	171120
gcaagtaagg	gaaggggctg	gggcttgaaa	ccaggcagtc	tctattccca	tctgccacgc	171180
ctctcagaaa	cttcaaacca	tccctgtgaa	cagaaagaa	ctgaccact	gagggctcta	171240
caaacactga	cattgggggt	ttggtcagcc	tcggaatctg	tgatctgact	catagggccc	171300
aaaaccacat	cccacatggt	caagaaaaag	agagtgtca	tgtcagggtt	gggaccaaag	171360
acacacggta	tctgtcagcc	aggactcctt	tggttgcaag	cagaaatgac	ctttgaacca	171420
gataaggcat	gtaagataaa	aggaacacag	taactatagt	tactgaaaag	tccatgcaca	171480
gctccagcct	caggcatggc	tggatccagc	agtcttaca	tgccattgga	aagctctcat	171540
ttcttatctc	tcagtcccac	ttccgcccga	ttggcttcat	tctcagggtg	gtttttctcc	171600
ttgtggcagg	gtcagcagct	ccagattttc	agccatcctg	tttaggaagc	caaactgctt	171660
tgaacagaag	acctgaggct	gactcccact	ggcctgactt	aggtcacgtg	tccttccttg	171720
aaccattcac	tgtagccaga	ggtgacagaa	acccttgagt	aaccaggctg	agtacattgg	171780
gcaggggact	ctgaatgggg	ccaggtagtt	cctacagaat	tagaagctgt	gacacagagc	171840
aaggcatttg	tgctggccag	gaaaagcaac	cactgtcctc	cttcccctga	gcctggggga	171900
gcgggaccac	tggacaagct	cagccccatt	agctgccggg	tgctgggttc	tgacagagcg	171960
ccgtcgctca	gcagtcttcc	cagctccctc	gcctctggat	tcagttgtag	cgctcacgc	172020
tggccttcga	gccccccatg	acacagcccc	atcttcagca	gctgcacaca	tgcttggcag	172080
cctgcccgcg	gttcacaggg	cactggactg	gggagagatg	aggggttaaa	gatgacggaa	172140
accctaggac	ccaggccctg	ccctggtccc	cagggaacta	gcggggaagg	cactcagatg	172200
ctctgacggg	actgtccacc	attcaacagg	tcctgggtcc	tgtgctgggc	acaccctta	172260
agtcctttac	cctacatttg	gaatgccatc	agccagaaac	aagagccagg	agagggtggc	172320
catgcctgta	atcccagcac	tttgggaggc	tgaggcggat	gtatcacctg	aggtcaggag	172380
ttcaagagta	gcctggccaa	catggtgaaa	ccccacctct	actaaaagta	caaaaattat	172440
gggtgtgatg	gcgcatgcct	gtaatcccag	ctactcgga	ggctgaggca	tgagaatcgc	172500
ttgaaccag	gaggtggagg	ttgcagtgag	ccaggatcat	gccaccacac	tgcatcctgg	172560
gtgacagagc	aagacacctc	tcaaaaaaag	aaacaggagc	caggaaaggt	ggcagatgta	172620
tgggaattca	cttagccaat	atttactgag	tagctcctct	gtgttctaag	ggtataagtc	172680
ctggagatac	agaagtgacc	acctgagcca	gccttcctgc	agcttagagt	ctaactgggc	172740
aatagacaat	aagccagaga	aataagtaaa	ttatatagca	tatgagatgg	tgataagctc	172800
tcaggagaaa	gataaagcag	ggagggtggg	gagggggcgc	agttccgaat	agggctctca	172860
ggaggggcct	tgtgttgggt	atctgtgctg	cagaacaaac	tgcacaaac	tcagcagctt	172920
aagacaacac	acatgtacaa	actcacagtg	tctgagggtc	agaagcctgg	gcctagccct	172980
gcagggctgt	ctgcttaggc	tgaatcaag	gtgccggcca	gggctgtggt	ctcatccaga	173040



gagacaatga	caaggtggac	gcccaggagg	agaactttct	gcccaggtac	cagcgtgtga	176160
aggacctgtg	tcagcgtgct	gagtaccaga	cggcgtgtga	gcagctggga	caggtaagaa	176220
ggctcccttc	cctcccaacg	gctccccctc	ctgactgcag	ccggccctga	cctgcgaggc	176280
tctgagagcc	gctgagccag	cagggccagg	gcctcccaac	gggtagtcct	ttgctgccgt	176340
gtggtgcccc	agatgctgtt	tgggtggtgca	ggatgatgct	cacaataagt	gattcatttc	176400
tcagcagcct	ttggaccctg	accgtgtcag	aggccaagtg	tcccgtgggt	gtgtgtatgc	176460
ccttagcgcc	tctctagccc	ttgccgatct	ctcttgccag	aaggccccag	caggagttaa	176520
attattttat	tttcaccata	ttcactttga	cagtatcctc	tttgtgactg	gttttccttt	176580
tataggagta	ataagacatg	gcttttttaa	ataaatatag	gtaaggtttt	aaaaagtga	176640
ttgattgcaa	gagaaatatt	aaggaaatta	tggccaggaa	cagtccgtgg	ctcatgcctg	176700
aggtcccagc	tactccagag	ctgaggcggg	aggatggcct	gagcccacgt	gttgaggcct	176760
gcagtgcgct	atgattgcgc	cactgcactc	cagcttggtg	gacagaataa	gaccctgtct	176820
ctaaaaacat	aagaaaaaag	aaaattatct	gggaagtatc	agagatagcc	agaaactgac	176880
atgtttggga	aagcctgaag	gaggcctttc	tgaggctgga	aagccagggc	aggcttgagg	176940
aggagggtcg	ggggcggggc	agggcaggga	ggggagtggg	atggaaactc	tgcccttggt	177000
ggcccaaggg	gtgccggagg	tgtgtccctg	ccctgcctgt	caaaggctgg	gactttgagc	177060
tggggctgga	gctgtgtgcc	tgtttcacct	atgagaaaaa	gcaaaaccag	ggccctggta	177120
ttgaaggcca	aggcctgaag	tggatgcgtt	tctgatggac	tgcatttgaa	tgactccatc	177180
ttaacactgc	acacagaatt	agtacaggcc	catacaggcc	tgactgtgcc	tccccacca	177240
gtgtgtgttt	gtaaacccac	agacccctct	tagtcacaca	attaaccctg	atctgccacc	177300
gggcaggagc	tgtggatttc	atccctccgt	tgtacagcat	gaatgcgtcc	ccccgcttgc	177360
caggcactgt	cctaggcgca	gggccacagc	ctcgaacatg	ctcaacagaa	gctcctgccc	177420
tcccagagct	gatgttctgg	agagagttca	gccttgactt	tgtaccgaga	tcccagaagt	177480
ggttctgatt	ttagttctgg	gctaaaagga	gtgaaatgag	gaggccagga	agtctttgcc	177540
cctcgacgag	ggaacgttgt	caagtcccc	actggttctt	tctgatgtct	cccctgacct	177600
agatcagggc	ttgggcagcc	agaatgacct	ctttgctggg	gccaagaaag	aggaggtatc	177660
agcattttcc	aaacaatcag	agcacaccac	tgaagccaaa	ggaagagagt	gctgagggcg	177720
gagtttgggg	cacttagcct	aggccagctg	ggaggcagca	acccacggcc	cccgaaccag	177780
ccccggagct	ttggggacct	caggctcaga	cgtctgcccc	ccatcccagg	caacggccct	177840
gctcacaagc	cggtaactcc	cgagtgcctg	tgccatgtcc	ctgcttgtgc	cgtgccttct	177900
ggaatgccct	gcccagtgtg	gaagctgtac	cctgtggccc	gaggacgtct	cttagggggc	177960
tcacacccag	ccatagcatt	gtcttggtga	cctgtgccgt	gctacccac	gtggtagatg	178020
tttttttgtc	atttgcgtga	caaacgtgcc	caggaaaccga	gctcatgtgc	atctgtctgt	178080
ctcccgggtg	cacggggaca	tcctaagggc	agggcccgcc	tagaattcat	gtcatcattg	178140
ccaaagccca	gaccagggcc	caggccgggc	aggagtaaat	gtgccctggg	cacctcgtaa	178200
tgatgatcat	cacgggcaac	acgtgagtg	aagctctacc	tccagccacc	ctatctggca	178260
ggtatgttct	gtacacgggg	aaactgaggc	ccagggtcca	ggcaaaactg	ccacagcctc	178320
acagcttcaa	gtggtggagg	caggatttga	acccaggtag	ttgggctgcg	ggaccttcgt	178380
tctcagcagc	tgtagggacc	ccaagtcaag	ccgacactgg	cccagccctg	tggggctcag	178440
gcgcgcgcgc	cgccaggaca	gcctcgggac	gggccatgtg	gacacggcct	ctacatgagt	178500
agttgcaggg	gcagcaaaac	ctttccgcac	aagatcagac	agtaaatagt	ttgggctttg	178560
caggccacat	atgtgttttt	gttcttgctt	tttacaactc	tgaaaacgta	caatgtaaaa	178620
accgtccttg	gtttgcaggc	catacaaaaa	caggctgtgg	gctggagtgt	actagcaaga	178680
gggctgctgt	ttgccgaccc	ctcaagtcgt	gcccagctg	agtgtgttgg	gttgagcg	178740
ggagcaggca	gtggggaagg	agaattccag	gcagagagag	ctaagtggac	aggaggctgc	178800
tcgccagcgc	acacagctca	gggcttcacg	cagaactcag	agccctggct	tttcttgaaa	178860
aatcagacct	gggcttctgg	gcctgtgtct	ccctctggcg	acagtcagat	gggtatagcc	178920
ggtcacagtg	cccactttag	cctccccagg	tccccaggc	gcttctgggc	tggcctcatt	178980
cagggccatg	cctgctggcc	catcagctta	cttctgcact	aaggaatcca	ggttgctgga	179040
agggcctgca	tgcattgaag	gggatgggag	ggtggcaggg	cgtgtggaat	gcaattagat	179100
tcagcctcca	ggtgagaaca	gatggggcgg	acaggggcaa	gatgagcagg	tgaaggcac	179160

cagggccttc	aacggcagcg	ggcgggggca	gacggtgcag	cagaggggttg	gggggggatgg	179220
tggcaccaga	ctccacactt	ttccttacag	ctcttgacc	tcccagttgt	gtgaccagg	179280
acacatctct	ctacctccgt	gtgcctcatc	ttgaatcggc	acagtaatga	cagcacctgc	179340
ctcgtaggg	agcgtgaggt	gtagtaagca	agttaatata	ttaacacaca	gtgcttggca	179400
catgctaagt	gctggagaga	cacaggggaac	agatctgacc	catggcctgg	aaaggtcact	179460
ttggcacaga	ataggcccta	aagagtcact	gggtcaatgg	gctggagcag	ctgtggacag	179520
aagggaagag	aatccagttt	acaggtgggt	gcagaatccc	gtgaggggat	ccaggaggct	179580
ggaactgggg	aagagcagaa	ggatcaacac	gagagatttg	gacagtgatt	ctatctacat	179640
tcagcgtctg	accacaggcc	tggagttgag	tgcacacgtg	gagcctctgc	acacactgca	179700
ctgattgagt	ctgggaaggt	ggtcagggga	gacctccttg	cgctggagca	gacgggaagg	179760
aagagaagcc	tccagcagca	ggaagggctg	gagaaaaggc	attctaggca	gaaggaacag	179820
tgagcgccaa	gtccctgggg	cagcagccca	caggggatac	tggagagagg	gctgagggag	179880
aggaggaccg	atgggttaggc	cagggccaga	ttgcagagga	tgttcaaaga	ctagtatcag	179940
gagcttgggt	cttgtcttaa	agacagtggg	agccattgaa	gggttttaag	taggagagta	180000
atatgatcca	acttgccctt	taaaaagatt	cctctagctg	ccatgtgggt	ggatttttag	180060
agcagacaga	agcaggtaac	cgtgagagtg	gtggctgtcg	gaggcatctc	gctgggggat	180120
gatggtagct	ctgcccaagg	ttcaagcagt	ggcagtggag	agaagcggca	ttggagatag	180180
cagaggtggg	gctcggtaac	agctggatgc	aagcagggag	agggatgtct	ccagggtgga	180240
tgggggtggc	aggggagagg	cggttttagg	ggagcagatg	agcagctggc	cgaggccctg	180300
gcatgtcttt	cagaagtggc	agtgtgtgga	ggacgccacg	gggaagctga	agctgcataa	180360
gtgcaagggc	cccatgcggc	tgggcggcag	cagagccctc	tccaacctcg	tgcccaagta	180420
ctacgggcag	ggcagcgagg	cctgcacctg	tgacagcggg	gactacaagc	tcagcctggc	180480
cggacgcggg	aaaaaactct	tcaagaagag	taagtgtcac	aacctggctg	agtgggacag	180540
gaggagagag	accatgcctg	gggggccccca	ttcattcact	ccgacagttc	cacagagact	180600
gtcactttgc	caggtggtga	tctaggggct	ggggacacag	ccacatctcc	tcacgagcca	180660
cccatttctag	tggggagcag	tagtaataaa	cagataaagg	caggcgcaat	ggctcacgcc	180720
tgtaatccca	gtactttggg	agtccgaggc	aggcagatca	cctgaggtca	ggagctccag	180780
accagcctgg	ccaacatggt	aaaaccccgt	ctaaaaatac	aacaattagc	cagatgtggg	180840
ggctcacgct	tgtaatccca	gctacttggg	aggctgaggc	atgagaatcg	cttgaaccca	180900
ggaggcagag	gctgcagtga	cccagagattg	tgccactgca	ctccagcctg	ggcaacagag	180960
cgagatccat	ctcaaaaaaa	aggaagaaac	acacatacaa	ggttctgtat	tgattggctg	181020
gtgaaaatgc	taggaccaga	ggttcacagg	aaccagctc	tgtgcttccc	ctaggagcca	181080
tgtttcagcg	ttcaattagt	cagtgtttgt	ggtgagttta	tagaactacc	ctgggctggg	181140
cgcggtggct	cacacctgta	atcccagcac	tttgagaggc	cgaggtggac	agatcacttg	181200
aggtcaggag	ttcaagacca	gcctggccaa	catggtgaaa	ccccatctct	actaaaaata	181260
caaaaaatta	gttgggcgtg	tgggtgtggca	gcagagtcgc	ttgaacccgg	gagcagaggt	181320
tgagatagc	tgagatcacg	ccattgtgct	ccagcctggg	cgacagagtg	agactcggtc	181380
tcaaaaaaaa	taaaaaataa	actaccctga	agaacaaaaa	tagactatag	ttgagtgggg	181440
aaaagcctca	ctcagctgaa	gaagtgtcta	caccttcaca	cctcattctc	ggcaagggcc	181500
gaggagagga	cagtacagaca	gaagccaggg	agcaggcgaa	gtggagagag	ggactcttct	181560
agaccagcc	agaaggctca	gcgcgccccc	tgggccatcg	cttcaccatt	ctgaggctca	181620
gtcccccaca	tcaaacagga	agaatgggtcc	ctgcatgact	ttaaaacaag	aatgagcctg	181680
tgcctgaaa	atgtgtggag	gcgtcggggg	ccgcgggcta	gaagtgtgcc	ctccaaggct	181740
gggcagcttc	ccacgtagcc	catttctctg	gcctaaggac	agccaaagcc	taatgagaga	181800
tttttaggtgt	tgtttttaaa	aaaaatttat	gtgaaattcc	cataaaattt	atcatcttaa	181860
ccatttttaa	gtatccagta	gtgtcaacta	tattccact	agtacgcaac	ctatctgcta	181920
aatgaactct	tcatcttgca	aaactacaac	tgtcccatc	caacgttate	tccccattct	181980
cccaccccg	tcccacccc	accccgttct	cccaccccg	tctcccaccc	tgctgtcacc	182040
ccattctccc	accggttctc	agcaaccact	cttcttctct	atgagcttga	ctgctttagg	182100
ggcctcatgt	aagtgggaatt	gtacagtatt	tgtccttctg	tggctggctt	atttctcttc	182160
gcataatgtt	ctccgggttc	atccacatgg	tagcctgtgt	tggaaatctcc	ttcctgatcg	182220

ggcacagtgg	ctcacgcctg	taatcccagc	atttcgggag	gccaaggcag	gcggattgcc	182280
tgagctcaga	agttcgagac	cagtctggcc	aacaagggtga	aacctgtgtc	tactaaaaat	182340
acaaaaatta	gccaggcatg	gtggtgggog	cctgtagtcc	ctgctactca	ggaggctgag	182400
gcactagaat	ggcttgaacc	tgggagcggg	aggttgcagt	gaactgagat	catgccactt	182460
cactccagcc	tgggtgacag	agcaagactg	tctcaaaaaa	aacaaaaagt	ctccattctt	182520
tataagacgg	atgatattgt	accacagact	agttagagat	tgaggtctct	gacggcaggc	182580
gcagtgatct	cctctgggtcc	agccagccag	gcagcaaatg	tcttcacgt	ggagcagata	182640
agtctctctc	cataacagcc	cagccactgc	ctgaaacacc	gtttcccagc	tgatgaccct	182700
ccgttacatt	tcctcaccag	ctgattagga	actactacat	taacttttct	agctgaacag	182760
aatgattggg	ttccagattg	gattacacag	ccagcatctc	cttgcttcaa	tatgtggcac	182820
agtcgataat	ctttaataaa	tacaagatct	ggcagggaga	aattcagctc	ttttcccctt	182880
attaatgctt	agaggaaaga	aaaataccta	aaagtagctg	agagtcagct	cagccctggg	182940
cagaatcctc	atgtgagtgt	aatgtcagag	cggggacctg	cacctctcaa	cagccctgtg	183000
agcagggcag	gggtgatcat	caggggatga	tggacaggaa	agactgggtc	acgtggctga	183060
tttggggact	ccagcccat	ctcctgcctg	gcattcttcc	ccctgctaga	gtctccgaca	183120
agacactctg	tccctctttt	ctgagcagtc	agcctagagc	aggetgaact	gggggctttc	183180
tgtccccag	gggacacttg	gcaatgtttg	gagacagttt	tggctgtcac	aattgtgtgt	183240
gatggagggg	tgctgctggc	gtctagttag	cagaggttat	ggatgcggca	aaacatcttg	183300
caacgcacag	gacggccccc	accacagagt	ttgatctgac	cccaaagtgt	ccgcagtggg	183360
aaggttgggg	agccctggcc	caccttgatc	cacggggatc	ctggctgtgg	cgtggggagg	183420
ttaggcagag	ccagccagct	cacagcagaa	gggggaccca	ggaacaggag	aaggggacga	183480
ggactcgggg	gatgggcccc	gctgactggg	gttcattcat	ttcttgaact	ttgtgcaaga	183540
cactgagatt	agagttgacc	tggagagaca	cggacttgga	cctcatggat	gaaacaagat	183600
gtgaacaagt	gaacaaaggg	ccacttccgc	tggtgaaaaa	cgcatgaagg	agacgcagcg	183660
gtggcgggac	tagcagagag	gggtggcggc	tccagaatgg	cgctcaatgg	acatttaatg	183720
agaacaaagt	acagaaagga	gcaggtcttg	tgaccagcca	gagagcaagt	gttctgagga	183780
ggaggaagat	ggagtacaaa	gaccctgtgc	tcagaatcag	ggcrgtgagt	cccagtcaca	183840
gagaggtgac	cggtgtggcc	gaggggtggt	agaagcacca	tgggcatggg	cagccacatc	183900
acacaggcgg	tcaccggcgt	ggagaggcag	ggagtggggc	cagggttgtc	accttaggtg	183960
aggacgtcag	ctgcaggcag	agtccccacc	ccctgcagta	gctggtccac	accagctcat	184020
caggcatgaa	tgcttcaacta	gttccgtttc	gtgccatcct	ccaaggagcc	tttgtagggg	184080
aggcaccatc	ctgagaagtt	acccaaatcg	ccggggccac	acatgtgctc	aggggtttgc	184140
acctgagcca	tctgattgca	gagtcaaagc	tcttggccgc	cgggttatga	agtcctgtcc	184200
cattccctgt	tgggtgtggca	ggaaggggtac	ctccaggact	ctggacatga	acacagagtg	184260
atggggagag	caggtagtgt	ggcttcagtc	caggaaagga	ttcacacagg	gctggcatac	184320
cgcttctgtg	aagagccaga	gagtaaaggt	cttgggcttt	gcaactcagc	cctgcgactg	184380
cagaggtata	agggaatgcg	agcagctgta	cccagtgaag	ctgtattcac	aaagacagat	184440
ggaggtctgg	ctgggcccctt	aggccatggg	ttagggaccc	ctgaatctag	agctgggaga	184500
tggaggggtg	aaagaggcaa	agcagctcac	ttatgagccg	actgagacaa	aaggagtggg	184560
gaggacacgc	tgggtctatt	tcctgagcct	ctcggggcag	gacctgcttg	gcacagggac	184620
catcctcggc	aatttgtgta	cttgcatcgg	gagactaaac	cgagggagag	aagtgccccg	184680
gagaaggctg	ccctgtgtca	gaaaaggccc	aaggctctgc	tggagagggg	aggcctttcc	184740
cggcccctca	ggatccttcg	gcccttgtga	ctctgatgca	aggtgtctga	gaactgaaag	184800
atacaaaaaca	tcccccaaga	gtgggggttg	caccggggcc	acgtgagaag	ggagcccttt	184860
cctccctcct	tccactgcct	tcogccacca	cctgcctcca	gctggtcctc	tttggtcacc	184920
atctcggggg	cacttgggat	ccaacaaaac	ctgggtcact	aactggctcc	aggcccttct	184980
ctttaaatga	ggcacatctg	gagaaggatg	acaactgcag	tgctgtcctg	ctggggccag	185040
acatgtgtca	ggtgggcaga	ggttttaaaa	caggaaggag	tggcgggggc	tgtggccaac	185100
aggggaagaca	gtgggcagcc	aaaggggccc	cccacccccg	gcccgtcctg	accatatgga	185160
actgtggggc	mgtgagacat	ctgtttcctt	tctggaagct	ggaaatctgg	atccctacat	185220
caccgccacc	acctcccctt	tttctttaat	gttaccaact	cagatttgtt	tttgagacat	185280



agaagataca	ggctacctgg	ggtgtcactt	cagcctgcac	ccctgagttt	tcagcgtcag	185340
ggcgtatgca	aaagccccc	tcagccttgt	tgccggccca	cctgggtgta	gcacctgcct	185400
accacctggt	gggcagcctc	cagctctctg	ggactcaaag	aagctaagt	gcttccccag	185460
tccccgtcca	tttctaccca	gagacaggca	ctgcagggcc	cctttttccc	agtttaaate	185520
aacattttta	catccatgat	actttttttc	ctttttaatt	gaggtgaagt	tcagataaca	185580
tcaaactcac	cattttttaca	attatataca	atgcagaggc	atttaataag	ttcacagtgt	185640
tgcacacctc	tacctagttc	caaaacattt	catcacccca	aaaggggaacc	ccgtacccac	185700
aaagcagtca	ctcctcacta	ccctctcccc	cagcccctgg	caatcaccaa	tcttctttct	185760
gcccgtatag	atttacctat	tctgggtagt	tcctataaat	agaatgtaac	aatacgagcc	185820
cgcttttgtt	ctggctggtt	tcactcygcc	tgcttttgac	attcatccac	gctgtagcgt	185880
gaatcagaac	ctcgctcctg	gttctgggtg	catattccgt	tgtacagatg	atgtaccgcc	185940
atttgtttac	ccgcaagcag	ctctcgcttg	aaatcctctt	gagtcagtg	cttcttggtt	186000
ccaggacttc	cgtcttgccg	gtgtgatcac	ctcgaggccc	tcccctgcgg	tccaggatct	186060
gcgagcaggg	gggtagattc	cacgacccct	cgagtcgcag	gcaaagctga	gcctcatgct	186120
tggaagcccc	gccctatctt	gatgaaggac	ccactgccct	gggagcctgg	ccagcctttc	186180
ctgcctccct	aactctgcca	ctcctcta	gtccacagag	tacaaggcca	gctatgtccg	186240
cagtcgctcc	atccgctcag	tggccatcga	ggtggacggc	aggggtgtacc	acgtaggcct	186300
gggtgatgcc	gccagcccc	gaaacctcac	caagcggcac	tggccagggg	cccctgagga	186360
ccaagatgac	aaggatggtg	gggacttcag	tggcactgga	ggccttccc	actactcagc	186420
cgccaacccc	attaaagtga	cacatcggtg	agtgtccagg	tggaaagtga	gggtgaagg	186480
gacaggacag	acctcggcaa	agggcttccc	acacctcttg	ggcccctgag	gaccaagatg	186540
acaaggatgg	tggggacttc	agtggcactg	gaggccttcc	cgactattca	gccgccaacc	186600
ccattaaagt	gacacatcgg	tgagtgtcca	ggtggaagtc	gaggggtgaag	gggacaggac	186660
agacctcggc	aagggcttcc	cacacctctt	gggcacctgg	gctgctcccc	ctccaccacc	186720
tccgagccac	acgtgatccc	ttctctcaag	caggtgctac	atcctagaga	acgacacagt	186780
ccagtgtgac	ctggacctgt	acaagtcctt	gcaggcctgg	aaagaccaca	agctgcacat	186840
cgaccacgag	gtgagtggrr	rssggrrrrg	ragcatgctc	tcggccacca	cgggcctggc	186900
aggaccccc	gttcacagt	ggagggcagt	gaggccagac	ccagggaaga	ggctggagag	186960
gtgaagttag	gtccccacag	attcctcaac	gcggggatag	gtgtcagtcc	cagsatgaga	187020
cagatagctt	cctgcccagg	ccgtctgagr	gacgatggct	tagccacggt	gtcccccttt	187080
tgaytwacaa	gaagtctacg	ctacaggagg	cctttcatca	aaaccagggg	agacactgga	187140
ggcctcagt	ggctcagcgg	gttcctgccc	aggccagggc	ggaaaaatga	ctcgggtccc	187200
ttgcaagggc	tggctggagg	agaaggcggg	cttccttcag	gcagaacaag	tacctcctcc	187260
ccaccacgac	atgccggtgc	ttgccctggg	gcccgggggr	kksmrsgsyks	cscksykswg	187320
mrcasasacr	ssrsmgygkg	ggsrgtcacc	aggccaagtc	tttgtgtgct	agccttgaag	187380
gtttcaaggc	ctcctcttct	gcccctccct	cagattgaaa	ccctgcagaa	caaaattaag	187440
aacctgaggg	aagtcgaggg	tcacctgaag	aaaaagcggc	cagaagaatg	tgactgtcac	187500
aaaatcaggt	gaggcagtag	caaagggacc	tccttaagac	cccactctcc	tacaggacag	187560
ttcagttcat	ccctctcgt	gattgacccc	tttcattttt	tattttttatc	tttatcttct	187620
cccctcatgg	cattaaaaaa	atccgtaatt	tacctccctg	ttgtcagcca	gtgtggcaca	187680
cggacctgct	cctcagccag	gctggcgccc	agattccagt	actgctagca	agagaccctg	187740
gctggctgcg	cagagccggc	tccaggccgg	aaaagtgcct	ctgcgattg	ccctttcaga	187800
aatcccccat	gtggtttgag	gtccatgttc	ccggcttagg	ggtcccctgg	cccaaaggac	187860
tgaactctag	aacagctcta	atagaacatt	ctgtgctgac	ggaaatgggc	tatatctgca	187920
ctacaccaca	cgtggctggt	gcataactaa	aatttttggt	agtgtcacta	aggagccaaa	187980
ttttttat	tgcttaattc	aaattgaagt	agccacctgt	ggccagtggc	taccatactg	188040
gacagcacag	ctgtagaagc	cctgctgtct	ttccagaaa	tggtgcaaaa	cacaggcttc	188100
cctgtgttga	ccccgaccaa	gtgtgagtag	gcagggtggt	gagggaacca	acctcaagat	188160
gctgaggctt	tgacatgtaa	aattaaccat	caaaaaagaa	aggaaaaagg	atgctgaggc	188220
tgatgcacct	aaagccaggc	ccagcttcta	gtcgtggcta	aattacaatt	aaccacacct	188280
gctaaagtct	agcaaaaagtc	caggcagagt	cctggctcat	gcttgagaaa	agaagccact	188340



caggcaggca	cctgctgccc	tgaggatagg	gtcatgccct	acccaccacc	acccagaaag	188400
gagggacagg	ggtggggcag	cagcaacaca	tgggagtcct	agaaatcaca	gcttgacact	188460
gccagcggag	ccctctgagc	cactcctgaa	gcctggggct	gggggggtct	gttacagcta	188520
ccacacccag	cacaaaggcc	gcctcaagca	cagaggctcc	agtctgcata	ctttcaggta	188580
agagcagctt	gaggtcctgg	ggaagagatg	cagaggcctg	catgaggagg	tggccctccc	188640
ttaagctaaa	actcagaaga	aaaggaaaga	agtcacaggcc	cttccctggg	aagtcacagg	188700
tagccctcga	agaggcctta	cttcccaatc	aacactgagc	gggcctccga	cgcccccttg	188760
tggctaaatg	gggttaccgc	aactccacca	agcagggcag	gacacaggaa	ggaggggaaa	188820
gggggtgtcaa	caggagtccc	agtagctgcc	tggttctgtc	cccagcttgt	gcccccttgg	188880
gagttaaagt	agaatgacaa	gacccagggt	ctggctcccg	ctctgccttg	gagcagcact	188940
gggacttggg	accctgaatt	gctatgccc	tggctctctg	ttggagaagc	ctcagcgaag	189000
cccttaggtg	gacaggaaga	gcagagacat	ggggctcactg	atccctcaga	ggcccaagggt	189060
gtgtgtggcc	ctctgcgccc	ataggaaggg	cctgcaagag	aaggacaagg	tgtggctgtt	189120
gcgggagcag	aagcgcaaga	agaaactccg	caagctgctc	aagcgctgc	agaacaacga	189180
cacgtgcagc	atgccaggcc	tcacgtgctt	caccacgac	aaccagcact	ggcagacggc	189240
gcctttcttg	acacgtgagc	aagcccaggg	caggggtgga	caggctgagg	cccaggggtt	189300
caagaaactt	ctccacttag	tgacccagac	ctctctcaga	aaggggggtcc	ccaacaccag	189360
gggtccacgg	tgctcgggac	agcctcttgg	catttgacga	actggtttta	ggggctgtcc	189420
ctgacaggaa	tcactgttgg	cagatggggc	ctcctccgc	aggcactcag	gacatgctct	189480
ctcttccttg	gcagtggggc	ctttctgtgc	ctgcaccagc	gccaacaata	acacgtactg	189540
gtgcatgagg	accatcaatg	agactcaca	tttctcttc	tgtgaatttg	caactggctt	189600
cctagagtac	tttgatctca	acacagaccc	ctaccaggta	caggcaaccc	gagctagagg	189660
gatgggggtg	tggggtacac	cagtgtctgc	aggtaggccc	cccccaacct	cagggaaagt	189720
atgacaaatt	gtccaagtcc	cactgagtc	ctgagccggt	gggagtaagt	tgtgaagctg	189780
ctgagatttg	gggttctgtg	ttcaatcagc	cttttttgcc	tccatcacc	tgctttttgc	189840
ctccatcacc	ctgcgtgtgt	aatatatatg	gcttcttccc	tctaacttaa	catgcagcat	189900
gcaaccagg	tttgccggaa	cttgtgaaga	ctcctaacac	tgtcaggctg	taggatcaag	189960
ccaaatatca	cccactgcag	ggcctacacg	gaccgcgcag	ctaataaac	agtaacacac	190020
tgcaccaagc	actctgctaa	gtgcttccgt	acagtaagcc	atctaaacac	acatgcgact	190080
gaagtggccc	aggaccacac	aagacaaaa	ggagcagtgg	catgtctggt	catcggaaca	190140
tgtgggccc	tgtacaggga	cagtcactac	tgagctccag	cactagagct	ttcctgtact	190200
gtggccttg	tattgccag	gctttgacct	ttcaagaaaa	gctgaaata	atttaaata	190260
aatctgatgt	ttaaatgtca	gcagcaca	tgctttaatt	actatatagg	tgtgcagctc	190320
ttctccttag	ataggttcac	cctcatactt	taccaaagg	gtaggttaag	tccctcaccg	190380
gtagctccca	gactacacaa	gaacccaggc	cacttaccg	tcccttcac	aaatggctgc	190440
tttgcaatca	ggaggagctg	agggccctg	aatgaaggct	gctgataaaa	ccaagacttg	190500
gaaggctttc	tttccaagct	tgggaagttt	cctgaccagt	ggctgcagaa	ctccaacgtt	190560
aaatacacag	acgtggtttt	tattctctg	agttttcact	ctcatgaaga	gtgaacctgg	190620
tgggacttga	agccaaaaag	tcacctaa	cttccaaacg	ctggctcttg	cagaagtgg	190680
agtaaacagg	tcaccagccc	ctagcacctt	ccaccgcca	cctgectgaa	atatgtcccc	190740
tggttggtag	aagggcaggg	cgagagtccc	tgtacttacc	ttgttgacag	actacctttt	190800
ttgcaaccag	ctgatgaatg	cagtgaacac	actggacagg	gatgtcctca	accagctaca	190860
cgtacagctc	atggagctga	ggagctgcaa	gggttacaag	cagtgttaacc	cccggactcg	190920
aaacatggac	ctgggtgagt	aggcacccca	acgtggggcc	cttggacagc	agggttaacca	190980
aaggaaggga	ctcaggagggt	ggtgtctacc	ccaagaatga	gctgaaatc	accaggcttt	191040
gggaggtgat	acagttccag	acgagtcag	ggagccctg	tccatagcag	gcagatgacc	191100
tttaacaagc	tgtgattcct	gagagaggaa	cactgacac	aactgcccag	gaaacacacg	191160
gaattccgtc	tcatttcatt	gtcctccctt	ttgtccactc	atgcattcaa	caaacacttc	191220
ctgagaactt	acacctgaaa	ccatgttgac	ttaaagatgac	ccatcctc	ctgacttggt	191280
tggagccagt	gttgctctaa	gaagagcagt	ccacagcagg	aggcctcttg	cttgatgga	191340
aagggtaaaa	ctggatggta	gaatccagt	tgactgggga	agggcactgc	taaataaaa	191400

cagggtcaga	cctctgaact	gagtoctgaa	aagtaggatg	caatcgacca	ctgagaaaac	191460
gtggagggct	ggcgctccag	gaagcttaaa	gtgtgaggag	cagaaaagcag	ctcaggggggt	191520
gcagccaaca	caactgaggc	cagtggagag	tggcgggagg	gcatcgggcc	accctgtgtg	191580
gggcttccta	ggccacggta	gagtttagat	ttcattttgtg	gtgtatcagg	aagccaatgg	191640
agggttttta	cctgggcacc	gacattttgt	aggtggagaa	tgggacttta	tgggagaaaa	191700
cagcgaagat	ggcccagtta	tccagggaga	aatgggtggtg	gcttggacta	gaggtgggag	191760
cagtaaagat	gatggatttc	agattcaggt	ggtgaagccc	ccagacaaca	tgggtgatggg	191820
aggtgcggga	ttaggagtc	caggtaaate	ctgagttttg	tttgggacag	gacaaaatct	191880
gcagttttta	gtttagaatg	ccaaccagat	agatattttta	agatgaaaaa	agctaaacag	191940
gcatgggttc	tcatgcctat	gattccaggg	ctttggaagg	ctgaggtggg	aggagacttg	192000
agcccaggag	ttcaaggtta	cagtgaagct	tgatagcacc	actgcactcc	agcctgggag	192060
acagagctgt	cgccccatct	ctaaaaataa	aaaaaatata	ttaaaaaaag	aaaacaaagc	192120
taaaagaaaa	atgaagtcca	cttactagt	agagagagtg	gcctaaaaaa	aaccttttgg	192180
atttaaggct	ccttggggaa	gggactgtgt	ctaggaggat	gcctagagtt	catgtcagga	192240
aaatggctac	acagcttagg	aggaattcag	acgctaccgt	cggctctagt	tatgaagagg	192300
gaagagctaa	tgtgtttaca	caagatgttg	cactaatact	tctggtcagg	agcctgatat	192360
gatcagaatt	ttcactagta	gcttccta	ctctgccact	caagtgtctgc	tactcttctg	192420
atcaaagtgc	aatgacatat	tagtcactgt	gtgccaggct	ctgtgtctgag	cattttacat	192480
gtgttagctg	ataagctttg	aggtgaatct	tatcctcatt	ttatggagga	gtaaggtgaa	192540
caaggtgggc	tgaccccgga	gcccacgcac	ttgatcctgc	cacatcctcg	ggaaaacttc	192600
cccagagccc	aaaggggaac	tccctcctgc	acttggtcag	ggctcttggc	tttctgtcct	192660
ctggagcaca	gatgttcatt	cctgcattca	cctccctcac	cataactaag	gtcagcgctg	192720
aatgaagcca	tcagggtcct	gaaactgatc	atgggtgacac	tggatttttag	gcaatctaca	192780
aggctatcta	ggagacttag	ggcagggttc	cctcataatt	cagtctaccc	ctcataattc	192840
agtctactct	gagtagggaa	cactatcagc	atcatgggat	tgtgacaaaa	aagcataaga	192900
tgggttttctg	gtgtgttggg	gttgttttgc	ctaaactatc	tgtcctgtgt	ttgtttttca	192960
tttctccttc	atttaggact	taaagatgga	ggaagctatg	agcaatacag	gtatttcgtt	193020
ttattattaa	agcctaaaca	aagttctcct	atccttggcc	atccttcagt	ctcatctctg	193080
tgagtctgca	cctgttatct	tgagaaaactg	cccttccctc	tggctctgcc	gagaccagga	193140
tcacccacca	aagatagggtg	tcacctagga	gaccttcttt	gtatagttct	ttggggactt	193200
tttctttctt	ggtgatgggt	aacattcatt	ctcctttgac	acttgaaaac	ttaggcagtt	193260
tcagcgctga	aagtggccag	aaatgaagag	accttctctc	aaatcactgt	gagttgagga	193320
accagcttac	aaatagaaaat	ctggttctga	ccgcttcatt	ttgccaatgc	tattctattt	193380
gcatgccatt	tcttacatac	caccttttgt	ttgttctcat	gatgaggggtg	gggggggaagt	193440
actaatgcac	atccttccct	aagaaaacac	ttgaatccat	ttcatgtttt	agattaatgc	193500
cttgtccagt	acactgctgt	tctcgctata	atctgtgctt	ggtaaaacttg	agctattact	193560
tagagggtga	gaagcattta	aatattacaa	attgctaggc	atcttgaagg	ctgtggctac	193620
aaaagtgcta	actgatatac	aacatcagta	gtaggatggc	ctcattaaat	ggtttccaaa	193680
aagcccatgc	tacaaaactct	cactccagtg	ccattggagg	ctgacaggga	ctaagagact	193740
ggcaacctgt	aaagttcacc	tctattctaa	aggagcagg	ccagtttgct	ccctgcagga	193800
atgggctgag	gttcgccaga	ttttctcatt	cgtctaccaa	atccaaaaat	gcaagtatgt	193860
gtgagaattc	tttatcatta	tcattctaatt	tgacattaag	ttaacatgt	gggcaaatta	193920
tcgcccttgg	tgaactgcca	cttgcaacct	ctggtctact	catttctctc	tttatatgca	193980
tataaacctg	tgtggcttta	ataggacatt	agtaacaggt	cacctaaagg	tttcttcggg	194040
gcttctagaa	ttaagggtaca	gaatctttac	atatcacaat	ctccttagcc	actattctgt	194100
ccagatcctt	aaatgccatc	cttgccaggc	attgggtgta	taagtaaaca	aaaaattgag	194160
gtgactaggt	ggtggcaatc	cogttctaag	taacctagaa	atattcattc	tcagcagcct	194220
tgaagcaaag	cttcctcagc	tataggaccg	attaggaagt	catgataaag	accatgatag	194280
ctaagtgcta	agatgagttt	gttttgttct	ttaggggaca	actgtgggaa	ggctggggaag	194340
gttaagaaac	aacagaggtg	gacctccaaa	aacatagagg	catcacctga	ctgcacaggc	194400
aatgaaaaac	catgtgggtg	atttccagca	gacctgtgst	attggccagg	aggcctgaga	194460

aagcaagcac	gcactctcag	tcaacatgac	agattcttgg	ggataaccag	caggagcaga	194520
gataacttca	ggaagtccat	ttttgcccct	gcttttgctt	tggattatac	ctcaccagct	194580
gcacaaaatg	catttttttcg	tatcaaaaag	tcaccactaa	ccctccccc	gaagctcaca	194640
aaggaaaacg	gagagagcga	gcgagagaga	tttccttgg	aatttctccc	aagggcgaaa	194700
gtcattggaa	tttttaaatac	ataggggaaa	agcagtcctg	ttctaaatcc	tcttattctt	194760
ttggtttgtc	acaaaagaag	aactaagaag	caggacagag	gcaacgtgga	gaggctgaaa	194820
acagtgcaga	gacgtttgac	aatgagtcag	tagcacaaaa	gagatgacat	ttacctagca	194880
ctataaaccc	tggttgcctc	tgaagaaact	gccttcattg	tatatatgtg	actattttaca	194940
tgtaatcaac	atggggaactt	ttagggggaac	ctaataagaa	atcccaattt	tcaggagtgg	195000
tgggtgtcaat	aaacgctctg	tggccagtgt	aaaagaaaat	ccctcgcagt	tgtggacatt	195060
tctgttccctg	tccagatacc	atttctccta	gtatttcttt	gttatgtccc	agaactgatg	195120
ttttttttttt	aagggtactga	aaagaaatga	agttgatgta	tgtcccaagt	tttgatgaaa	195180
ctgtattttgt	aaaaaaaaatt	ttgtagttta	astattgtca	tacagtgttc	aaaaccccag	195240
ccaatgacca	gcagttggta	tgaagaacct	ttgacatttt	gtaaaaggcc	atttcttggg	195300
agtttttttgg	tgtgtctgtt	tttttaaagt	attcaagata	ctaccagtca	acatcttttt	195360
ggaagaaaat	gccttggggt	tagaagattt	tcttaaaagg	ggagtagatg	gttgtagatt	195420
gactaaaaag	tctaccatac	ttcaagggac	tacaggtaag	tctcatagta	taccagcttt	195480
ggtacttcat	tttttaaaaa	agtattaatc	aattgcaaag	aaattcgctt	tggccaaccc	195540
ttcttttgtgt	atcaggtagt	ctaacctgat	acaagtagtt	gacagatttc	aactatcaat	195600
caccagtcca	acccattttct	catttaacag	atgacggaga	taatccctaa	aagcaccac	195660
atttgtttca	atgccccaaa	caggccaagg	ctccctagca	actccctagt	ggcgtttttt	195720
aacttctcag	aaactgttac	cattattttga	aataggcttc	cttaacctcc	tttacccttw	195780
acccaacagg	gayttaammm	aamarrraww	yaaaaaaaaa	aaaaaaaaaa	aaaaactctt	195840
taggctccaa	ttttaaatag	aaacctttat	ttacaatgac	atccaaaatg	gtcagcaaag	195900
cagtcacagc	tcaccatccc	ccataagtca	tttcawrtgg	tttcaattct	wwgcaagata	195960
agaataaatt	tctattttttt	taagcaacat	aatgtaaact	tgattgaaac	tgaattcatt	196020
ctcaagagta	taagtcaatt	cctgagaatt	taaatattgc	tctcatattt	tattcttoga	196080
aactccatat	attagaaagg	aagagagaaa	acaccctgct	cgttttattaa	cagtgtgcct	196140
tggagttgaa	aacaataaat	caatccttga	ggttttgctc	ctaggaacct	aattgtgaac	196200
aaaactcaca	gcttctgcaa	ataaaaagg	aactgggcag	gcatacatgt	aactggcaat	196260
ccattctgtt	tacttttcagc	tgcacccacc	tctggatcaa	agaacttcta	ggacatcaag	196320
ccaattatct	tctgtaatatc	cctaccccta	atatagatac	ccccaaactca	cctcagatat	196380
taaatactga	taactaagta	gcactgttat	tgatattttac	accttttcaat	ccagatgcag	196440
tttagaaaag	tggcatcata	atatgaacat	taacaatgta	acttccgttt	atttttttaa	196500
ggaagaaaca	tgtatctcct	ttatatcatt	ctgatcttta	taaaatatat	atattttatt	196560
tatatatctt	tggatttcagc	aaaaaaaaaa	aaaaaaaagta	ggtagtgga	atatccca	196620
ttctaaaagc	agatgaaaag	attatactgt	tcacccaaca	gataccaagg	tttgaaaaaa	196680
tgggggggtgc	tgggggtgtga	ggagaggtag	acagcaggag	tacaaaagaat	tacctaaaaa	196740
agataaagg	caatacaggt	aaaaacaaat	tatctcaaag	actgcaccta	ttaaaagaaa	196800
tcttgagttt	gcaccaaattg	aacaagtaga	aaatataaaa	acttataata	aacttcattt	196860
ttctactata	taaaaaagg	agtgtctgct	tccagtttagc	ctggagccag	gtctgaggaa	196920
aggattgcaa	aaaaattttat	ttttttttttg	tttttaataa	ttttttttaa	gtcaagaaag	196980
ataagagcac	cattctatttt	ctccccacac	acataactta	aagaagggtc	agatacaatt	197040
gagctgaaaa	agagacagac	tgacctgggt	cttctctgt	ctccaaacag	gagagtatac	197100
tatctgaaaa	gcacaggcca	ctacaatgga	agtttttcgga	tttacaatct	ttcttagata	197160
tattttgaac	ttggtagggg	aaagagggca	aactcataat	tgtctatact	gctttgaaaa	197220
taagatccac	tctgggtggtg	ggtctggaaa	taatcaggat	tcacttactc	gtaagcatat	197280
caaagatatt	aaatgatctt	accttcagag	acatctagaa	agattggcta	aatgtgtgaa	197340
attcttaaaa	ttaactggct	ctcagttatt	gctagaaaat	gataccaagg	ctagcagaga	197400
cctctgaaat	tcacagacat	tcagaaaccc	aattccgtca	actatttgaa	ccaaatgaat	197460
taacccagat	aaagggaatt	aaacttgatt	tttcccttcc	tcccaactga	ctaaaacagg	197520

tgtcaaagag	aggcaacagc	agaaaagtgg	tagggggcag	aagagggagg	ggttttaaag	197580
gtgctcagtt	agactgtggc	tctgaatcac	agtaaaactg	gctgttctgg	gtactgagtt	197640
acttaagaaa	taactgacac	tatttctaate	cacagggaca	taatgaaagc	atcacattag	197700
tagaatgagg	ggacagctga	gcagacacca	gaaaccacac	caaggattct	actcgagatc	197760
tcaatatggg	attcaggtct	tagcaaccaa	aatctgaaaa	cgctcctaaa	ggggatgaaa	197820
aggtaacata	attaaacata	cacacacaca	cacacacata	cacacacaca	cacagcccat	197880
gaattgctat	tatttcggac	tgcttaaaat	ccaaaagatt	ctcttcaaat	tgctcgtttt	197940
tttaaattcc	tgattttttt	ttaagtttat	ttccccatat	ctattctttt	cccccaaatt	198000
aacaaagtgc	ttagttctgg	tagaggaatt	tttaaaaaat	taaaatgcct	acatctaatac	198060
aaataatctc	tttaaaaagc	atttagatta	agagattgaa	aagagcgagg	catctaaggc	198120
tggggggtgg	ggaaggaaaa	gctgtggagc	actaccctc	ccccaggcca	caaaagtcaa	198180
gggatgtctc	ttccactggg	agcctcacca	cacagcttac	tgaaatcaac	aatgttaaat	198240
atthagcttc	acaaactctg	taaaaatgag	ttgttgtgac	ctacaaaaaa	aggatatatac	198300
atattttaca	taatacaata	tcttaaaggt	catattttaca	aaaaaatcta	ttcacagaaa	198360
cactgcgaga	ttctgattca	gaatgcagta	cctggccttg	ggttttcaga	agttttatttt	198420
taaaaagcat	tattgctcta	ccatataggc	aaaggggtgac	accagtactt	taaaaaaaaa	198480
aatcatagtt	cttgcttaac	acgtaagtgt	aggcaaaaac	caggaatgtg	tttcaactatt	198540
ccctcaagac	ctcaagaata	ttgcatttat	ccattctttt	taaataaagt	gcactcagct	198600
gcacattagc	atgtgaaaag	tttgctactg	ctgcgattaa	atactgtcat	ctcatttcct	198660
ttctgcaaag	ccatttgagc	atccatgaca	gttcctggag	gtgaagtatt	acaggacatg	198720
aatggcaaat	gaaaaccttc	attaggagaa	agcctagggc	aaataatagg	gacagagcaa	198780
ctcaacacca	ttagtaaagg	acaattcaga	atcaccaatt	ccactggaca	aagggtcaac	198840
acagaactac	tacacctgaa	ggctgggact	atgctctttg	tccaatactg	caactagaga	198900
aaccagatat	tctaattctc	cttgattctt	ccaatgttct	ctggcccacc	tacgtgtatt	198960
taagagattt	tggctagcaa	ggcagaaaaa	agtgcacaaa	aagttttatg	atcagtaaca	199020
ctccatgtct	ccagaattat	atccctagga	ggtggaatgc	caaaaaacat	ttctgttttg	199080
aacaccatga	tacacagcag	aaggaggggg	gaaaaacacg	tagatattgc	ccttcggcct	199140
aaaatccagt	cctgctcaaa	tgacatcact	taaaataccc	ttgatggagc	tcaaagctgg	199200
tcctttcttc	caagatggat	gcctggaaca	atgattcctt	cccaataatc	ctagtgcagt	199260
gtcatttgta	cagtggtttc	cttaagaggt	cctgggtgcag	agatgtcagc	agtatttctg	199320
tcagcaacca	ggaaaaaaa	aaaaaaaaa	aaaatgagta	aaacacatgc	tttgacaac	199380
aaaaaaatc	ccatgtccac	attcatggct	tacagtgcag	ctctggctga	gtgattcagg	199440
ttcctgagat	cccattctac	aatgcagctc	tggttacca	aaagtatcta	atggcccaat	199500
gccttcaaac	caagtttttt	caattactat	attttaagtt	atacattcaa	gttaaaaatat	199560
acctaggaca	ttctgattat	agcctaggct	ttagttctat	ccagagaaca	agaaaaactt	199620
tttgaaaaag	gtaaggaatc	gatcccatac	ctgatcagga	cccataggca	tgccagacat	199680
gggcatgggg	ttcatgttca	tctgtcccat	gtgaccactg	ctgccattca	tgtgcaccat	199740
actatacact	gcaggattcc	cctgggtggg	aaactgctgc	tgggaaaagg	agctgtaagt	199800
aaacaaatgg	taataattacc	tctggaagtc	actttagcga	caaagggcat	gcccacagaa	199860
attactacaa	ttgtgtcaaa	cattgctata	cttaagctgg	gaatgttaga	gaaaactccc	199920
tgacagcctg	tgatccattt	ttcacagctt	tctgtactag	acaccctaata	agatatgtgc	199980
gtgcttgaag	gactctcaaa	atggacaagc	caaatcacac	cttctaataat	gaaccagtc	200040
ctttcaacct	ctccatccaa	aaaggcttga	ctgaaaaata	cattaagttc	ttggacttct	200100
gggactagga	tgtgactaac	tttataagtc	actgttcttt	acctgttctt	ggccaaattt	200160
cctgatggcc	agcccttcat	ttctgaggac	tgatagatgg	atgcagcctg	cgggtgttgc	200220
atcatgggat	tctgggaggg	acccattctt	gacgacatca	ttgcattggg	aggactagac	200280
actcgaccaa	aggctggatc	tgggtgttgt	ccattctctt	acaaaaataa	aacagaagaa	200340
ataaaaaatgc	ccaaatgcct	tctccttaga	atatcagatt	tctgtagtaa	ttttgttttt	200400
tttttaaagg	aggtgggggt	ggagggaagt	gataagtgtg	agatacagag	tgctataaga	200460
tgctgcccc	ccaggtattc	tagattctca	ccaagatgac	gactagagta	acaggcttac	200520
tacagaaaag	agcaccatct	ggatcactga	aagatcagtt	gctttaatgg	gtttcctgta	200580

gaaaagggac	tccgtatcac	tcaactcaca	tcaactccatc	cttcttttaa	gggcagggga	200640
gttataatcc	tcagatgaca	gggctcccca	atagacacct	ttattcccac	catgttcctg	200700
gaacctctca	aaggctgaaa	tgaagaggt	tctgcatcac	tgtaataata	aatccagggc	200760
cgggcacgg	gactcacgcc	tgtaatccca	gcactttggg	aggccgatgc	aggcagatca	200820
cgaggtcagg	agatcgagac	catcctgggt	aacacagtga	aaccccgctc	ctattaaaaa	200880
tttaaaaaaa	aaaacagccg	ggggtgggtg	aatgcacctg	tagtcccagc	tactcagggc	200940
tgaggcagga	gaatcacttg	aacccgggag	gcagaggttg	cagtgaacca	agatcgcacc	201000
actgcactcc	aacctgggtg	acagagcaag	acccccatct	caaaaaaaaa	ataataaatc	201060
caagtcacca	agaaaatcaa	cttaaaagcc	cacaaagtgc	attcctctca	ctgacttgac	201120
caagcattca	gagattagag	agttctacta	tactggaaca	tacaagaagg	ggcaagggga	201180
caacttttga	gtgtttcttc	cagagtttgg	ggactcttaa	tgagtgggac	tgaaaaaaat	201240
attcaactat	gacaggatac	acctgtctca	attacctgtg	tgctgcagca	tttttgtttt	201300
ccaatcattt	aaattaattt	ggttttctt	gtgaagtaaa	gagggagtga	atcgtgtttt	201360
tgtctttcat	gtgcaataaa	tgtaatgaag	cttatgtcct	tagtaatgtt	aacttgggga	201420
aggcacattt	tcattgtcag	atttaccata	atltgggtga	tatggaaact	gltgcggagg	201480
agcttgtggc	attgtgggtc	ctgccaaaag	cccattccatg	ctgggggaag	cagtcacatt	201540
aggaggtggg	ctgaaggcct	gggtttgctg	ctgttgctgc	tgttgctgtt	gctgttgctg	201600
ttgctgctgc	tgctgctgct	gctgctgctg	ttgctgctgc	tgctgctgct	gcattcatcat	201660
agccaccctc	tgttgctcga	agtgatgact	tagcagctct	ctgctgcgtt	gggcgaccat	201720
ttgagcatta	agaaaaccct	gctaataccc	aagaaagagt	gcaattacat	atatatagca	201780
agaacctgcc	agttgcatac	atatagtacc	cccacaatac	accaggtata	agacagaaaa	201840
caccagggc	cttctttttt	ttaacaggg	ctcactctgt	cgcccaggct	ggagcgcagt	201900
ggcacaatct	cgcctcacag	caaccttcgt	ctcccagggt	caagtgaatc	ttctgcctca	201960
gcctcccaag	tagctgggat	tacaggcgtg	caccaccact	ctggctaatt	tttgtatttt	202020
tagtagagat	agtgtctcac	catgttagcc	aggctgggtc	caaactccta	acctcaggtg	202080
atccgcccac	ctcggcctcc	cgaagtgtct	aaattacagg	tgtgagccac	tgtgccggcc	202140
aaaacataca	attcttcaca	taaaagcttt	ctgacctgg	gcagtggcct	acgcctgtaa	202200
tcccagcact	ttgggaggcc	aagggtgggcg	gatcacttga	ggtcaggagt	tcgagaccag	202260
cctggccaaa	atggtgaaac	cctgtctcta	ctaaaaatac	caaaactagc	cagccttgg	202320
gatgagcacc	tgtaatccca	gctactcagg	aggctgaggc	aggaaaatcc	cttaaaccca	202380
gggaattgac	gctgcagtga	gccgagatcg	tgccactgta	ctccagcctg	ggcaacagt	202440
actctcaaaa	aaaaaaaaaa	aaagctttct	ggctattgca	aggggagggga	gggagaactg	202500
aagaagaggg	acctgaaaat	tatttgggg	taaaagacaa	aagacaacac	actgtcaagc	202560
tttaacatga	ctagaaacat	tccacaaagt	aagaaaacat	ttaggggtgg	aatctgagga	202620
caaatttttt	aggaactatg	aaagacaatt	acaggaaaat	gaggattcag	tgtgttgggg	202680
tgggtggagg	ctgaaacatg	aagccaaaaa	aaataagatg	gggttatact	cagataagca	202740
ggggtccacc	tcagaaaatc	ttgaactttc	tttaaaactt	cagaaaagagg	taaggggcaa	202800
gcagaagcta	tctggagggt	cagaagggtga	cataactgaa	gtacaacaag	gaagctgatt	202860
tcagctctac	tagctacggg	tcatctccaa	aaagcaagct	tttatcatct	ttctgtagga	202920
cattctagct	cagcttccac	aagatgtttt	attatcaaga	aaatgtaaat	atcagtactt	202980
ccaagtaggc	ataagacaat	aaaaatcgag	catttcacag	ttgcttttta	aaaaacaatt	203040
ataaacgata	tttcaaatac	cartagagga	ttgtctgtgt	gtcatctgcc	tcattgcacat	203100
taaaaaaaac	cctcaatact	gtctccacca	ctggctggaa	gtagaaggga	attttaatat	203160
ccctctctac	tacaagaaac	aggtcatctc	agaggctatc	actgagaaca	ggattatgta	203220
ttcttttatt	tcttctttat	aatttcagaa	ttttaccag	tgtgcatgtt	gtttcataat	203280
ccaggaacag	aggaacattt	acagatttat	taaattccta	aacagccaag	tgatagctgt	203340
tctcacagta	cagcaactga	tcacaaagg	aaccaattaa	aaaaacacta	atcgatgggt	203400
ttaatgaaga	aagctctccc	tctcttgatt	cctcccagtc	accagccaga	gagaagaatg	203460
gaagagtoga	aagtctttta	tgcgactgct	ttcttacaca	agaaattcag	aattaccttc	203520
atltgtttta	caaacattta	ctgagagcca	accacaggcc	aagccctgtc	ctgagcacag	203580
agcaatgcatt	gtggagaggc	ttatcatcct	cacctgggag	ctcacctggg	gctgcatcat	203640

aggcctcatc	accgcagcac	caccagcagt	agggttttcc	atthttcaatt	caagtgcctg	203700
tcggctctga	ttcaaaaact	gaggtgagac	aagttgggta	gaatgcaage	agagcacgtc	203760
agtctgccaa	aacagctttc	cagaccctca	gcaccagcca	atgaggtaat	atctccaaac	203820
acaataacct	ggctaagtca	cgtctaaact	gaaccagtac	tttcacactg	caaaaagggtc	203880
aatgtttgaa	agtctttggc	tagcatatga	tgggctactg	tttggcactg	gggaaaaaaa	203940
agtaaagtgc	aatthttgcag	cttaaagaat	atcttcacac	ctgtaatccc	agcactthtga	204000
gaggctgagg	tgggcagatc	acttgagccc	aagagtctga	gatcagttctg	ggcaacatga	204060
agaaacccca	tctctacaaa	aaatttagcca	agagtgggtg	cacactcctg	tagtcccagc	204120
tacctgggag	gctgaggtgg	aatgatcacc	tgagcctggg	aggctcgaggc	tgcagtgggc	204180
tgtgactgca	ccactgcatt	ccatcctgaa	accctgtatc	agaaaaaata	ataataaata	204240
aataaatttt	atatatatat	acacacacac	aatagaaaact	caaaagattt	atagtcaggc	204300
tttctctggg	attattcggg	cacatgggga	aataccttta	agttgatcag	aggaattctg	204360
aataaactcc	attagctttc	cctaaatgac	tttttagtgaa	gaaacggcag	aaagtaaaat	204420
gaatacagta	acacagcttt	tctgagtacc	taaactgact	tttaacaata	tttatgcaat	204480
ggagtctctg	gctcttttga	ttccaaaactc	aggcattttg	ccgcacacgg	tggctcacac	204540
ctgtaatccc	agcacttttg	aagggtcaagg	caggaggatc	acctgagggtc	aggagttcaa	204600
gacgggcctg	gccaacatgg	tgaaaccctg	tctctactaa	aaatacaaaa	actagccggg	204660
cttgctgtgg	tccccagcta	ctcgggaggc	tgaggcatga	gaatcacctg	aaccagaag	204720
gtggagggtt	cagtaagcca	agatcatgcc	actgcactcc	agcctggggc	acagagcaag	204780
actccacctc	aaaaaaaaaa	aaacaaaaca	aaacaaaaca	acaaacaaaa	aaaaaacctc	204840
aggcattcat	ctacttatat	ggttttgaaga	cataaacaat	aaaaacaatt	gaatttttaa	204900
acattttctg	gggactaaga	aaacaatagg	gtaaacagaa	gtcatatttt	agaatattaa	204960
aagacarctc	tagttttata	aaacatctag	aaagaagagt	tccattaaaa	atgctgaaat	205020
caagaagggt	taagtatttg	gttattagca	gtaaggattt	ttttcaaaaa	aaaccttatc	205080
taccttttaag	actacaaaag	catcaagtaa	cattttttct	ccccaaagag	aatccttctc	205140
gacatttttt	tactttttac	ctgtaaaaata	gaatattctc	ataaaaactac	tccttaacaa	205200
ggagccattt	gtacaaaata	aacctttacac	agaagtataa	caaaaagaat	ttcttttagt	205260
gacagggata	gattgcacca	gtggtaagaa	cactgagaaa	catagtctga	aaacaacaga	205320
aggagaagcc	agagggaaga	acacatgact	ggttacctgc	tggccctgca	gcctctgctg	205380
aagctgcatt	ctaagttgct	tgggggtgtt	tgtccggggt	ctcatgatgt	tggctcgtgg	205440
gtgcattcct	tggagaggaa	aattgccttg	ctggttcatc	tgattcatca	tagagttaaa	205500
agatgggtgat	tgtccctgaa	gatgaaagcc	tccttgcatc	ggaggccctc	gtgctgggta	205560
tgtctgtcca	tataatcctg	ccttctgac	catcattact	gctgcttctt	ggccttggaa	205620
agcatcctgt	ttgggctcta	atgcctgtcc	cttaaacaca	acacataaaa	gaacagtga	205680
gaacatctat	gaaagcaaca	gaagtcaaat	gctctaaaga	aagtgcacaa	aacatccagt	205740
cattcaacaa	gtatttaagt	aaatgcttgt	tatgtgccag	gcataccttc	tctacatgct	205800
aaggatacat	tcaaaaatac	atcccacagg	tgacagaaaa	agaagtataa	gttgatattc	205860
tgaagaagag	aacaacctgc	tgtgctaaga	caagaaccag	gtgtactgtg	cattcacctt	205920
tattttctca	tccacaggca	ctgaatgcca	agcatgcagc	cagcatgctt	gacatgtctc	205980
tcttgaagca	tacttcaccc	cactgtactt	cgcaacactt	ctcatttttc	tcccatctct	206040
ctggcctttc	cttgaatgaa	tgctaactgt	tcatacagggt	tcagtccctag	gctctcttat	206100
tttctcttga	tatatthttct	acttaggtgc	tctcatccrc	tgggtgataat	gatcacattt	206160
ttgtctccag	ccaaaacatc	tctgaacttt	tggthttgtt	tatggaaatg	cctacttaac	206220
atccgcaccc	tgatgtctca	ggtatctcaa	acttaacagg	cagaaaacag	acaccatgat	206280
tcccaacagc	ccttcccccc	aagcaggctt	gttctcctcc	aacctaccct	actatatcac	206340
aatacagttg	gccctccata	tccatgggtc	cacactcatg	gattcaacca	acaggggact	206400
gaaaacattc	caggggaagg	aaacggtagc	tgtacctgac	tgaatacaca	cagtcacatc	206460
tcttcttata	ataattccct	aaacaatata	gtgtaacaac	tatataatat	acataacatt	206520
tacattgtat	taggtattat	aagtaatgta	gagctgattt	aaactatgtg	ggaggatgtg	206580
cataggctat	atgcaaatac	tagactgttt	tatataaggg	acttgagcat	ccatggattt	206640
tggtatccac	agggtgcctg	aaaccaaccc	ctcacagatg	tcaaatgggtg	acggtacaca	206700

gcatcacat	tcactgccc	ggaacccaaa	cccagcaatt	tgattcttca	cattctcccy	206760
ttccaagagt	aaacacgtgt	gaccaccaag	tcctgtcaat	tttccctcca	gggcatatca	206820
tgtatccctc	ccttctttcc	atttcaccct	tatgaccctt	cccaggacac	ctcttgagct	206880
gttaccatag	taactggmaa	ctatgtttct	atgttgtccc	atcaacttgg	gttcatgtga	206940
tctcccacc	tcagcctccc	cagtagctgg	gactacaggc	acacaccatc	atgcctggct	207000
gaagatgtct	taataaagca	aactatactt	taagttaaac	atggcagact	gatcatgcat	207060
gcttacctgc	attcacttgc	taacctact	aaaatgacaa	taaagggaac	taagaggtat	207120
ccagtttatt	taaaaaaaaa	atacttaaaa	ggtagtattt	atccataaaa	cactaataac	207180
gcaacaagat	caagtatttc	catatttata	atagaagata	caaagtgaat	agagaagtag	207240
gaaccagctc	aacagaacag	aaaaacttag	acttatgtgc	cyacagagga	aaaatacata	207300
tgaaaaacaa	gcaaatgtat	tccacagatc	tattgagact	ccagtgaggg	tggtagggga	207360
tcagagcatg	gtgctgamat	gaggaggttg	gttaggagtc	tgagtataga	gcaggaggtc	207420
aactacctcc	ctgcctgtc	cctgactccc	gaaaggcctg	taccttctac	ctaccgcaca	207480
aaggtacagg	ggttcagggg	caccaagcag	agcctaagaa	aggagtgagg	cagaggctga	207540
aaacaggaaa	ttttatattt	agcatattta	taatttaa	aaaattttat	attttataat	207600
ttaatatccc	acacttgcc	ccctagcccc	gctcccaaaa	tgcaaccagg	taataaaaga	207660
ttaccagatg	gcaggagtgg	tagtggtggt	tgaaaacaa	tctacatgtg	gaaatttggg	207720
gagtcctggc	caggcgcggt	ggctcacacc	tgtaatctca	gcactttggg	aggccgaggg	207780
aggtggatca	cgaggtcagg	agttcgagac	cagcctggcc	aatatggtga	aaccccgctc	207840
ttactaaaaa	tacaaaaaaa	agccggggcgt	ggtggcggtg	gcctgtagtc	ccagctactc	207900
aggaggttga	ggcaggagaa	tcgcttgaac	acaggaggtg	gaggttgcag	tgagccgaga	207960
tcacgcttct	gcactccagc	ctggggcgata	gggagagact	ccgtctcaaa	aataaataaa	208020
taaaaatttg	gggagtcctg	aaataaaaagg	gctagggcta	gttccccact	taattaccct	208080
cagtaaagac	aactgatgct	gctcacactt	gcaaagtgtc	aaatcagctt	cttaatgtct	208140
cactcttaac	atataagaac	agtcagggat	caccagatac	ttgataaaa	cgtccaacac	208200
tttccaagct	tgaacgtgac	tcaagcaaat	caaagacaag	aaaaatagag	aagacttcaa	208260
aatatagaat	gaagggccag	gcgcggtggc	tcacgcctgt	aatcccagcc	tgtaatccca	208320
ctttggggagg	ctgaggtggg	tggatcayga	ggtcagggga	tcgagaccat	cctcgctaac	208380
acggtgaaac	cccgtctcta	ctaaaaatac	aaaaaattag	ccaggtgtgg	tggcgggcac	208440
ctgtagtccc	agctactcgg	gaggctgagg	caggagaatg	gcttgaaccc	aggaggtgga	208500
gcttgcagtg	agccaagatc	acgccactgc	actccagcct	gggcgacaga	gcgagactcc	208560
gtctcaaaaa	aaaaaaaaat	agaacgaatt	taatgcccaa	catgtcaaca	gaaatcccag	208620
aaaagtaggt	cagaaaaaaa	aacacaggag	agataagggt	aataaagaaa	ttatacaaga	208680
aaacacccct	aaaccaaagg	gaatatcagt	gtatctagta	cacagcagaa	tgaatgaaaa	208740
aagaccata	ccaagataca	gcatcataaa	atttcggaga	gaaaaagttc	ctaaatcatt	208800
ccaaagagaa	taaacgggtc	acatgcaaat	gaatcaaaat	cagaaaagaa	tacaactcag	208860
tggccacact	agatgccaga	aaactatggc	agaaatcttt	caaaagtata	taattatttt	208920
aaacctagaa	tgtaatacat	agccagacat	gtaggagggt	ggaataaaga	tatttttcaga	208980
cacatagaac	ccaaaacatt	ttatttcatg	cagtagggat	gaagaagtta	atagaagttg	209040
tggtgcagca	aaacaaagga	gtaaatacaag	acagaaaagc	atgtgagatt	caggatacta	209100
ggagtccaac	acaggggaat	agtgacaatt	attaatttct	agacttgcc	cacaaggaca	209160
cagtaaaaca	gagagaacta	caggagggaa	ggaaggaatt	gatgggttat	ttagtgtgcc	209220
tgaacaagta	aagaaataaa	aaagaacttc	tatacttctg	ttggagtata	aaatatggct	209280
cctcagtgcc	aaggttctat	gtcactggta	tcctgaagg	tgtacacaag	gactgctcag	209340
cgtttcccat	ctgcactgtg	acagcatttg	ccacatggca	gtgtacttcc	atatgtacac	209400
atctatttcc	ccaacaacaa	ctgacagccc	ctgatgatct	ttcctgctta	ctgttgaacg	209460
cacaaacct	tacagtggcc	cctccatagc	ctttaaataa	aaacagtcac	ggctgggcac	209520
ggtggctcac	gcctgtaatc	ccagcacttt	gggaggccaa	ggcgagtggg	tacttgagg	209580
tcagaagttt	gagaccagcc	tggccaacat	ggcaaaatct	catctctact	aaaaatacaa	209640
aagaaattac	ccgggcgtgg	tggcgggtgc	ctgtaatcac	agctactcgc	gaggctaagg	209700
caggagaatc	acttgaaccc	tggaggtgga	ggttgcagtg	agatgaaatt	gtgccactgc	209760



actccagcct	ggttgacaga	gcgagactcc	gattcaaaaa	agaaaaaaca	gtcactacag	209820
aatgtgtcct	tcagaaaatac	agattttgtga	atggcatgtt	ttcataaggc	ggggtatgta	209880
aacaggaaca	ggacaccatg	atgttaggat	gttcagcttg	gccattgtaa	acaagttttg	209940
tttaaacaaa	caagcaaaaa	aaaagcttgc	ctcagaatac	acacggcttg	gctaagtagt	210000
agagaaagat	agttataaaa	atgagaactg	ttaacatgaa	taaaagggtca	cattttttaag	210060
aacagtacag	tagcttaact	aaatcatttc	tacaattgcc	aaaaatagtg	ggttggtgaa	210120
agtaatatcg	caatcgtaag	tatatcttct	attttaacat	acgaattgag	acaaaaaag	210180
gatattttcc	aaatttaaatg	ctggatatcca	tgaatgtagt	gatataaacac	aagtactagg	210240
agagacacac	acaggcattc	ttgtatgtgg	cttcatgaat	gtgtacgcgc	gcacacacac	210300
aaatatacac	tctcctactt	ccatgttaat	gcaacctacc	tgattgacaa	gttcaggaat	210360
gccc aaagct	ctgtcaattt	cttccaggcc	tgtggcatct	gtgttgctga	gaagagtgtg	210420
cagctgggtcc	aataatgctc	tttcgctcact	ctggccttcc	aggttggaag	gtggcccaac	210480
aagatcatcc	agggaattcc	taagaagagg	cctagaaaaa	gacttgcaat	caatgtcaat	210540
ggtgcttttt	ttttttctaa	gagtaataga	tcacagcaac	catgcatagt	attttttaatg	210600
aacagtaact	caaatgctac	aaacacaaaat	aataaaacca	gtggtaaaaa	agagtgaatg	210660
gcatcaattt	aagtttaagg	cccacaattt	agaaatttca	ccaggccact	ttagaccacc	210720
atatacagct	taaaccccca	atcccaacac	caaattgtaa	ttgccaaaacc	ctaggcattt	210780
ggggtatagc	agaaatgggg	gccaggggga	gggtaggga	ggatgggaga	agatactcct	210840
cacaaaaaca	gtgaaggagg	taataattat	aatacttgaa	aattagagaa	atcaaaagaa	210900
taaaagggaag	gatacaaatg	ttgagctatg	gccaggcgca	gtggctcaag	cctgtaatcc	210960
cagcactttg	ggaggccgag	gcgggaggat	cacgagggtca	ggagatcgag	accatectgt	211020
gaatggtgaa	acccgctctc	tactaaaaat	acaaaaaatc	agccaggcgt	ggtggtgagc	211080
gcctgtagcc	ccagctagtc	gggaggctga	ggcggaatg	gcatgaacce	aggaggcgga	211140
gcttgtagtg	atccgagatt	gcgccactgc	actccaggct	gggagagaga	gcaagacttt	211200
gtctcaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaagaaggga	gccaggcgtg	gtggctgaca	211260
cctgtaatcc	cagaactttg	ggaggtagag	gtgggcagat	tgcttgagcc	caggagatcc	211320
ttgagccgag	attgcaccac	tgcaactccag	cctgggcgac	agagccagat	tccgtctcaa	211380
aaaaaaaaaa	aaaaaaaaag	aatggttgag	ctatcactga	cgtagagtctg	gagaaatacc	211440
aaaatgactt	tgtcacactt	ggccacacaga	gctcatattg	gcaagtgtaa	cacaaacccc	211500
atacaccac	agcaagttgc	ctcagttctc	caacacatac	aagggcagatga	agttaaacat	211560
ttatcctgcc	tcagaaaagt	tctgttaact	tgaaactatt	tgctctctat	tgagtagaga	211620
agcattcaaa	taaattcata	tagagtagag	aagcactcaa	ataaattcat	atagttacat	211680
cactgtctgc	tcaatagatc	agttcatttt	tattttcctt	gcttaactta	ctgtagaatt	211740
cctgtagag	ctgacattga	ccatggcctc	ttgcatgcaa	gtaaattact	aagctaaata	211800
aaaattaaat	acaatctaca	attttttttt	tttttagaga	cggagtctca	ctctgttgcc	211860
caggctgggg	tgcaagtggca	taatctcagc	tcactgcaag	ctccgccacc	cgggttcacg	211920
ccattctcct	tctcagcct	cctgagtagc	tgggactaca	ggcacacacc	accacaccgc	211980
gctaattttt	ttttttttt	tttttttagta	gagacagggg	tttcaccttg	ttagccagga	212040
tagtctcgat	ctcctgacct	tgtgatctgc	cgccctcggc	ctcccaaagt	gctgggatta	212100
caggcgtgag	ccaccacacc	gggcctacaa	tctttatttt	atgaaaaatt	ttaaagatgc	212160
tatatagtta	tttcaactatc	atcactgaaa	tgtttaaaat	aatttttagaa	aacaatttagc	212220
caatccttaa	aagaattttc	tcaataggca	gcagggtggt	gggggaaaag	aaaagttttt	212280
ttaaaaaagt	ttaattttct	ggaaaactga	ggctaaccct	ctgaagaaca	tttataaaac	212340
cactagaaac	atgtacttat	cttttttccc	ctcctcatgg	gactagagag	acaatcatct	212400
cacagagagg	ctctcagagg	tttggccact	gaatggccct	aatggctgga	caacatgggt	212460
gtatctctc	cctctcctgt	gaatgccaca	cgactgctt	actgcttcag	cctcattttt	212520
acacagagtt	acacgagaaa	tgcccagctg	gcaaccaggt	acctcaatta	taggggaattc	212580
tcattctctt	tcacgtttgc	ttctgtgctc	caactctttt	ctaaactacc	caatgctgag	212640
attttctaca	gagtcacaaa	ataacacccc	acctattttg	agtgccatga	gaaacttggt	212700
ccatggacaa	catgccatcg	ggccaggaac	ccagttggtt	agatgctgct	gcttggccat	212760
agggattagc	ccccattccc	atggggattt	caccaggccc	tgggggagca	aaaagaaagc	212820



acaaattctc	aaataagagc	aaaaattatc	ctgaaacatc	taactttctt	ttttcatgaa	212880
gaggggaggg	tggacactta	ctcatttgaa	gcatctgctg	ctgctgttgc	aatactgggc	212940
tcgcacctgg	tatgctatta	gaccgaagag	gcaatgtggg	aatagagcca	cccagtgacg	213000
gtctgggtaa	agaagtatta	taatctcctc	ctggctcttc	catggagttt	gaattcatag	213060
gttccattct	gccggccttt	gagtttggtg	agccccagtc	tcctgaggaa	ggagtctgag	213120
tcacagtcac	atttcggttt	ggccccacct	aaacaggtag	ccatacttag	gtcttttcca	213180
tattataatg	aaatccttct	tataccatgt	aagtacagcc	attatacaca	acatcaacct	213240
tgacaaaaca	gcactttgtc	atggtaagaa	aagggctggc	caactgtgga	gacataggcc	213300
actatttctc	tatattcaac	aggctggaaa	atgtcataga	ccaaaagact	cttgaagagt	213360
ttacataacc	aaaacataga	ataaatgaag	gatattcatg	gaagaaacat	actaacgtta	213420
ttcaaaaagt	tattatttac	tcccaattat	ttagatggct	ttaagtattt	taaatatgct	213480
tttcccaaaa	taatcataca	tactaattag	aaataacgta	cccatacttg	agccataatt	213540
ttcctgacta	tccatcattc	ttggattccc	acccaacatg	ggttgctttg	gtaacatggg	213600
gaaagcactg	atatttttta	ctggaggact	tgagccaaca	gaaacagggc	tatccagaga	213660
cactgctcgg	ttatatggag	gacgaataga	ctgcacagac	tgtgaacttt	tcaaacctgt	213720
tgaaaacaca	atacaaaaac	atctcttcgt	gatttaatat	ataaataatc	aagtacaaaa	213780
cacaaatacc	accactcccc	acccaagaat	gtctttctta	caaaaaacaa	cactgtcttc	213840
ctttacaaaa	taagtgaggg	aagtggccct	caccaccac	cgccaccccc	cgccccctg	213900
ccagccaaaa	aagggtctca	tattccaaat	aaagtagaaa	caacaatctc	catgtcggct	213960
gaagtactga	gaacttttct	gtagcctgat	atggctcactg	atactctgcg	cttcacttaa	214020
tattgaaaaa	ttcacaaatg	ttccaagctc	ctgaagggtc	ttgcatattt	gtacttaagt	214080
atactgttta	taattttaac	aatcaactta	accagataag	ttgccttctg	atcgaaaaga	214140
aataaaatgt	aaaatccctc	tctaaccttc	tttttttccc	ccccactctt	aattgatcta	214200
tccattctag	tttaggaaat	aatgctactg	aataatgacc	attctgaata	attgtgcatg	214260
ctgccttttc	aattgacaca	cacaatatat	ctttgttttt	ctgtctgttt	gtttgagacg	214320
gagtctcact	ctgtcaccca	ggctggagtg	cagtggcgca	atcttggctc	actgcaacct	214380
tcgcctccca	ggttcaagcg	attctcatgc	cttagcctcc	cgagtagctg	ggaccacagg	214440
tgtgagccac	catgcccggc	ctacctttgt	taaattgatg	aagtcaacac	acagcaacag	214500
gagaggggct	agataagaac	cagcaaacac	caaagaaaac	tatcttaatt	aaatgacaag	214560
attctgttaa	aacaccaatg	gacagggttt	aatctagagt	ctgagttgct	ttttaatcca	214620
gttctctgtg	gctaagaaaa	atatatgccc	tagtacctac	agtactcacc	tggaaataatc	214680
aaacatgaat	atttttctat	aagtgccatg	attactggca	tattagttag	aagtgggaaa	214740
tttattttaat	ttttaaaaaa	caggaaaatg	ttcaaaaagc	tttctaaagc	acataataat	214800
tagtatagaa	aacagaggca	gaatatatgt	tctgaagtta	taaatgctat	ttatatcctg	214860
gtcttagtgt	aagagtgttt	acagggtatg	agaaaagttt	caaaggcagc	aaaaaaaaaa	214920
aaaacctagt	tcattcttac	ccagagaatt	agttccttga	aacacctggt	gcttagtccc	214980
cagatgacta	ccatttgagg	atatggaatt	attgtaaaag	tcagaactag	tcagatcacc	215040
agaatagca	tctagattat	ccaagtctcc	agatccctga	aaataaagtt	ttaaaaatta	215100
acctgtatac	attaccagac	acacagggtat	aaacataccc	atcagaaaaa	atgatacatg	215160
aaatagaagc	aagtaaaata	caaaaactac	ctacaatgat	aatacccacc	tgaaaggcca	215220
gtttattatg	acccccatct	ctaactcttc	tcctctgaga	ttaaatcact	acatttggtc	215280
ctttcaaagg	ggcatttttt	aaatttacac	aagacattta	attctcaaac	tgtagaatat	215340
tttgacagga	acagtcacta	gcagtgcatt	gataattagc	taacagatat	ctgcatctac	215400
acaaaccttc	tgaaaataag	tgtgattaat	aataaaaagga	gcaagctggg	atgttcatag	215460
gcatgctcta	aaaagggttt	cggccaataa	atthgggtgaa	cagtaggtta	agcccacatc	215520
ctaactttaa	gcctttcatt	ttctcaagtg	catattaata	tatcctataa	gtttgggaaa	215580
tgcttatata	gaatgtcatc	ttgtgcatga	aacttgattt	taccttaaaa	taaaaattat	215640
gctgcttaat	acaagttttt	tttttccctga	ttacttctac	cattctctta	atgacccaat	215700
ctgcccattc	cagcaataaa	cacctccatg	aaaaaatctc	atattggcta	ctaaagagtt	215760
atagtccat	cttaaaacat	acacatctgt	tatttctaaa	ttacatcata	atthttactga	215820
catccaaaat	aattataaag	aatgagagac	taaagattta	actttcttta	aataaaccta	215880

aatggaaga	atttttatat	cacattatct	aacaccgaaa	aatgatgaaa	tatgagctga	215940
aatatacaga	aaacaaatta	cctcttcaact	tgtctctgtc	ttaatttttag	ggtctttctc	216000
ttgacttgag	ctaggaatgg	tggagctggg	gcactgactc	attttattat	ccactccttc	216060
cacttggggc	tgtagttctt	tagagagtgc	atcactagga	tcatccctgt	ccagcaggta	216120
tctaagaagt	gcattattct	ccttcttctt	aggacttagc	tgtccttget	tgacaacatt	216180
tccgtcccca	caagaagtta	tactgctggg	gtctttccca	gtggcttctg	cagtaatctt	216240
ggctacctca	gctggatgaat	tcccattctg	cagcaacttg	tgcaaaatcc	ggtgcttctc	216300
ttgtaacagt	gacccatgca	tattggatgt	agaggatact	cctccagatg	tagaggagga	216360
gactccagag	gggctgggtga	cactaacaga	agattcttta	caacttgaat	ctagggggga	216420
gttgggtcaag	gaggaatgac	cccggtcac	agaagaacag	gtaagtaact	gcagtaattt	216480
tttatgacct	ttgctttcca	aaggaccctt	ttgattctct	gccccctcaa	cactgctctc	216540
cttactttct	ttgtcactga	ggtgatctct	gctatttgac	tgacacattg	aactctccac	216600
tggatttttg	tgcgaataaa	agcccagagg	actcttggaa	tcttgattgc	ttactttact	216660
tgggttgggt	atattcatat	tgggagagtt	atccaatttg	gggcctgggtg	atgacagagt	216720
agataaaaagg	gaagtcccca	caccttcaact	gatggcttgc	agggcactga	gagagctgct	216780
ggaaaagctg	tggttcccg	tattgccaga	agatgccatg	ggagagtgc	cacctgaatt	216840
tgaaaaaaaa	tttaggaaaa	gaattagact	accagacact	gtaacaaaat	acaacttaat	216900
tcttcaaagt	ttctattata	aaatagatta	actttacaag	aattatagta	gtatggaaaag	216960
aataattact	taaaaagaaa	aaaaataaaa	ggaaatgtca	acacaaaatac	ctgcaacagg	217020
agaaaactga	tgtgaggcta	tctttggact	cccacgatta	cgaggagaaa	tcatgatatt	217080
ctgctggttt	ggggcaagac	caggactccc	atgtgggggg	ctactcatgt	tgagcccata	217140
gttgttgttc	tggtaggaag	atggtgattg	catgcctggc	ccaggggtca	atgaagctat	217200
gttactggaa	ccccataacc	tagctccact	catctgccct	gtggtgctag	ggtctgccaa	217260
gccataggcc	ctgctgctcg	gcactctgta	gccttgggtt	ggcgacatac	tcatgccgcc	217320
taccgaactg	ttgcatccag	ccataggtgg	tctaatecct	tgtccaacag	gatttgggtt	217380
tgggtctatat	ccattctggt	ctctgcaaaa	caaacatcaa	acttttacta	aaaaattcta	217440
agcatgcatg	aaagctttta	atcagattta	aaataaaaata	aaatttttaa	aaaccagcca	217500
gtacacagtg	ctaacaccta	tattcccagc	actttgggaa	gctgaggcag	gaggatcact	217560
tgagctcagg	agtttgaaac	caacctgggc	aacacagcaa	gatcatgtct	ctacaaaaaa	217620
tttaaaaaatt	ggccaggcat	agtgcacac	atctctagtc	ctagctattc	aggaggctgc	217680
ggtgggagga	tgcctgagc	ccaggagttc	gaggttgacg	tgagctgtga	tggcactact	217740
gcacacctgc	ctgggtgaca	gatcaagact	ctgtctctgt	ttaaaaaaa	aaaaaaaaaa	217800
aaagaagaag	agaagaagaa	gaaaggaaga	agggagagag	aaggagaggg	aataaaaaaa	217860
tgggatgaat	taactaccca	ggaacttaac	tttttaggca	gcattccaat	acctagtgc	217920
agttccaatc	tacatattga	tcaattattt	acctagtaac	atatttttca	gtaagccaca	217980
gaatctatga	gtgagaccac	tgtagtatta	tgaaagacca	acagctatgt	taactggagt	218040
ttcaggtggg	ctttattaga	gttgccacat	tatctagggc	ttcacctggg	ggtacctgca	218100
aattactcaa	gataattaat	gggtgaatat	cctccccttc	atgcatttct	tatttgccac	218160
taccaaccca	gacagtaact	acctttattc	ttgaagttaa	ccctcaaatt	ttaaatgcag	218220
tccccaaagc	aacacacatt	atcagaaatg	agtggtaaga	catgtaatca	gattttatgt	218280
gctcttttat	ccaccatta	gccttcccat	cacctagctt	tctgtaaag	tatttaataa	218340
ataatcactt	tcacataaaa	atacaacctt	aaacatatca	taatccagga	atctaaactc	218400
atttcatcaa	acccaataac	cttcctaaat	tttgtctcat	tttatccctt	ccctttttac	218460
tttaataata	aagcattttg	agaacactgc	tgcattttgt	attagaatac	acagtaatct	218520
atcattacct	ctgaaggaag	tgggttgaga	caaagccatg	tcgatcattt	gttacaggat	218580
ttcggaagag	tttgcttttt	gtctgtgcag	tcactatagt	tccatcagcc	aacgagaatc	218640
gatatactgg	ggtttctgca	tggccattaa	gataagctgt	tggggaaaat	atcccatcac	218700
tggttaactac	agtcagcaaa	acaaatatat	ataggagggg	acagggagga	aatatacttc	218760
aagtacattt	ctaaaaatcc	aaggaaagac	tggatctgca	ccaaaatcat	caacagggta	218820
aaataagaac	actcaggcat	cattttccta	ccctcacca	acaagagagc	aactacagtc	218880
atgtgtatac	caaacataat	gacaaacaag	atcaagaatc	aaccacaaaa	ccaggtatgg	218940

tggtgtgcac	ctgcagtcct	ggctactcag	aagctgaggc	agaaggggtca	attaaatcca	219000
ggagttcgag	tccagcctgg	gcaagatagc	aaggccctgt	ctctaaagaa	taaaatgata	219060
agaacaatca	accccaaaat	tctttacctt	cttgatagtg	acgtttctgg	gaccatgact	219120
gcccattcatt	tagactaaaa	aatctctgaa	tacaccttcg	gattatatct	tcaaagccag	219180
gcctcatgga	ggatctcagt	gaatttgtat	ctatattgac	aacctttcct	attaaacaaa	219240
aaaaggaaaa	aaagacttat	atccagccca	caagtattta	ctggctgcct	acacatggct	219300
tagcactgga	gaataaaaata	aaagatatta	aatctttgct	ccaccttctc	tgatccaaat	219360
ttctactata	tccacagctt	ttctccttaa	gacatagcac	cacaggattc	tccctacatg	219420
ttctgctaag	gagtataata	atacatcttg	tctttgtcag	atttctagca	cagagccctt	219480
atccaaaatc	ctcagaattt	cctgagtaat	aaaagtattt	tcaagttatt	cataaagagc	219540
ccctttggaa	cacacctcaa	tttatgctga	tgaggagact	taggggtggg	tctctagatc	219600
acctcaggat	ggagctgata	atcagaaaga	ccaagtaatt	aaaggattgg	aactttctgt	219660
tagtagttcc	atctactaac	ctccaggaat	ggggcatgag	ggaggaagga	gagcctgggtg	219720
attaaattct	ataaaaaact	cttggcctag	cacggtgcct	cacgcctgta	atcccaacac	219780
tttgggaggc	caaggcaggc	agatcacgag	gtcaagatat	caagaccatc	ctggccaaca	219840
tggtgaaacc	ccatctctag	taaaaataca	aaaattagct	gggcatggga	gtgtgcgctt	219900
gtagtccag	ctactcggga	gggtgaggca	ggagaatcgc	tggaacctgg	caggcggagg	219960
ttgcagttag	ccgagatcat	gccaccgcac	tccggcctgg	caatagaatg	agactccatc	220020
tcaaaaaaaaa	aaaactcggg	ccagcaacag	tggctcacat	ctgtaatccc	agcacttttg	220080
gaggccaagg	caagcagatc	acaaggtcaa	gagttcgaga	ccagcctggg	caacatgggtg	220140
aaaccccatc	tctatttaaga	atacaaaaact	tagctgggcg	tggtgggtgcg	tacctgtaat	220200
cccagctact	tgggaggctg	aggcaggaga	attgcttgaa	ccggggaggc	agaggttaca	220260
gtgagctgag	atcgtgccac	tgcactccag	cctaggcaac	agagcaagac	tccatctcca	220320
attaaaaaaaa	aaaaaaaaaaa	aacctcttga	acaagagatt	tgatgagctt	ccaaaggatg	220380
agtacattaa	ggtgctggga	aggctataag	cccagagagg	gcatggaacc	tccaaacctc	220440
atccccaccc	cctaataacct	tctcctatac	atttctccca	ttgagatatt	cctgagttgt	220500
acccttcata	agaaaccagt	aaacctgagt	aaagcatttc	cggatttctt	gagccattct	220560
agcaaatcat	caaacctaa	gagaggatca	gaagcccaat	ttatagccag	tcagtcagaa	220620
gtacagaagg	ccaggacttg	caactggcat	ctgaagtaaa	gtacaggcag	tcttgtggga	220680
ctgaaccctt	aaccttgtaa	gatctaattgc	taaacctcag	tagaaaactgt	ccaaactaaa	220740
attgtagggc	accagcttta	tgtcagacag	agcgtgggtt	agtgtagaaa	aaaatacatc	220800
tggggtcaga	agtgggtgtg	cagtgtagaa	aaacagtgtt	ttcccaaagt	ctgtacagaa	220860
tatatatcac	acaaactcct	tttactgtct	gaatgtactg	aatatacatg	tccagataac	220920
cttaagttca	ttttcgtgta	aagggaaaaa	ataacgccta	tgaggaaagt	tgtttgtccg	220980
aagagattct	gtccctacaa	ctataagcaa	gagaaaatac	ctacttaaag	taagccagca	221040
gggacaatta	tttgcattctg	agagatgatc	acatttttgt	acacttaata	cctaaacttg	221100
gagggttaac	caaatactca	tttctacaat	gctggaagct	tctgacaact	tttgcttaat	221160
atcaaataca	atggagacac	caaataataca	tactcaaaaa	tactatgaaa	ttaaagaagg	221220
tttcatgaca	atagatggtc	cttaaaaaact	gtctaggcct	tttcaactca	agcagcacta	221280
gggtgggttg	caaaagcaag	tgccttacaa	aaagtggcag	aatgggagca	aagaagaaaag	221340
tggttaatcc	atttcctaaa	aaagactgat	atgatgtgaa	agcaccagct	gtgtttaatt	221400
ggtaacaaac	tagtcaaaa	ggctcaagga	acaaaaactg	catctgatgg	cctcaagaac	221460
tgtgtttttg	aaatgaacct	tgtgatctg	cataatgatg	aaactgcctt	tagaaaattc	221520
agactaatta	ctgaggacat	ccaggctcaa	aactatgtga	ccagcttcca	tggctggctt	221580
tggatcagct	ttcaggcctt	ttctatgtct	ttgaatgcag	acagaatgat	ccaagccata	221640
ataactggtc	acacagtttt	tgacctggac	atcctcagta	atcttttctg	tgacaaaata	221700
tgctccatgg	ttaaacatgg	cagacttcat	aggaagctcc	tgctgatgtc	aagattgcca	221760
atagttatct	gttttgtata	ggttttacta	agaaatgcaa	taatcagact	tgggcaatct	221820
cttatgtctca	gcaccaacag	atatgccaaa	tcccaatgat	gatggaagtt	gtgacccaaa	221880
aggtacagac	aaataaactg	aaagaagtgg	gcaataaact	gactccagac	aaattaggaa	221940
agacattgaa	aaggcttgcc	caggccaggc	gcggtggctc	gtgcctgtaa	tcccaacact	222000

ttgggaggcc	gaggtgggtg	gatcatgagg	tcaggagttc	gagaccatcc	tggctaacat	222060
ggtgaaaccc	catctctact	aaaaatacaa	aaaattagct	gagtgtgggtg	gcacatacct	222120
gtagtcccag	caactcggga	ggctgaggca	ggagaatggg	ttgaacccgg	gaggcagagg	222180
ttgcagttag	ccgagatctc	gccactgcac	tccagcctgg	gcaacagagc	gagactccgt	222240
ctcaaaaaaa	aaaaaaaaaa	aaaaaagtct	tgcccatata	tttatccctt	ctatgacata	222300
ttcattagaa	aacatactga	agaaaaccaa	gtttggtttg	ggaaaactca	tggggcttca	222360
tagtgaaagg	taattctgca	aaagctactg	gagattttaa	aggcactaat	attgaataag	222420
ctgacagaaa	taaaccacca	gtccaataat	ctgtttaaaa	ttcagaattt	taatggtgac	222480
caaaaatctt	attagtagca	gggggagact	agggaaaagg	gataaacgca	ttctgggaaa	222540
gagtaaatac	ctgtgcactc	gtgccccaaa	tagacatgat	ttgtcctcaa	ccacctctcc	222600
tgagtttagc	cctgggccac	atgacaaaata	caaaacagat	gtccataaaa	agttttattaa	222660
atgaaacaca	tcagggacag	aagataaaaat	atccccagag	gtcaaaagta	agtaggatct	222720
cagtttttaa	tgatgttaat	cacacaaagc	atttgatctt	tcttgcttgg	caattttttt	222780
ctccatcatg	tcctgttttc	tttcatgctt	ggtaattttc	aactttttata	ataaacatgt	222840
atcactttta	tatactgatg	agataatttt	caaagatgct	acttgctaaa	ttgcttaaaag	222900
atatttttatt	tagtatcttc	agtagcaaat	gtaaaacatg	gctattcaag	tagaaaatta	222960
acactgccaa	atcataagag	gtgcagagaa	agactcactc	taaaaggata	aaataatata	223020
taacaattgc	tgctactatg	tttatctgag	gggagttaat	acagagaaaa	tgttcaaata	223080
taaagtaaca	tacagccggg	catgggtggc	catgcctgta	atcccaacac	tttggggaggc	223140
cgaggcaggc	ggattacctg	aggtcaggac	tttgagacca	gcctgacca	cattgtgaaa	223200
ccctgtctct	actaaaaatg	taaaaaatta	gccaggcgtg	gtgatgggcg	cctgtaattt	223260
cagctactcg	ggaggctgag	gcaggagaat	cacttgaacc	caggaggcag	aggttgcagt	223320
gagctgagat	catgccattg	cactccagcc	tgggcacgac	agagcaaaac	tccgtctcaa	223380
aaaaaaaaaa	aagtaacatc	catcagcgtg	aacaagatta	tactgtgaat	tgtcaaaata	223440
atccttttgc	actttttaatt	gtgaaaatta	atctcaaaaa	tcctgaagat	aggttactga	223500
tggcataaaa	tgattgaatg	actgcaaaaa	tagcaatatt	tcttttaaaaa	tattctgcat	223560
tatgtatatt	atatatacat	attacaaaca	cacacatata	tatgtaatat	tgatagctat	223620
gttttatgta	tacctactcc	atttttatat	cacttggtta	aagtccacat	tgtaaaatta	223680
gtgttacaca	aagcaaagaa	tacaggctaa	gtcaggcaga	ctcagctata	aattttctta	223740
ttagccatga	tcttggaaca	taacccta	tctgtcacca	agcttctgtt	tcttttatctc	223800
tgagatgggg	catatatgac	aaacccttgg	catccccatt	tacacttagg	tgaccataag	223860
agtaaccctg	aaggtaaata	aaaataatat	tgccacagtg	tttaatttca	ttaatgcac	223920
ttatcaacca	cgatgtcttt	aattttttat	ttctatgatt	aaaaaatggc	agaccaagat	223980
tgaaactcag	gttgacgtca	agaattactc	ccggccaagc	acagtggctc	acaactgtaa	224040
tcccagcatt	ttgggaggct	gaggcaggcg	actcacttga	ggtcaagagt	tcgagaccag	224100
cctggacaac	atgggtgaac	cccatctcta	ctaaaaatac	aaaaatttagc	cgggcatggg	224160
ggcacgtgcc	tgtagtccaa	actgttttgg	aggccatggc	aggaaaatca	cttgaaccca	224220
agaagtggag	gttgacgtga	gcccagatcg	caccattgca	ctccagcctg	ggcaacagag	224280
caagactccg	tctcaacaaa	aaaaaaaaaa	aaaaggaatt	actcccaata	attctcatta	224340
aattacttat	aatttttttaa	aacatgtttc	tttatgacaa	atgggcttga	agttaaagaa	224400
atactaaatt	ctgacgcaaa	atgcaatttg	gagagaaaa	cagggtgccc	taaatttttt	224460
ttttaattta	tctgggggat	ttaaaatgcc	aaacataccc	aattcaaag	ccaagaattt	224520
tagtgaaatt	cttttaagg	tgcataagca	acatgaaaa	agatacacat	aaagcactca	224580
ttacagtagg	tatacatttc	tatgatagta	cagattaaaa	atagtaacat	ttacaaaaat	224640
ttccaaaata	aaaatgtacg	tatacacaga	gagagagaga	gacaaaaaaa	gagtttttac	224700
ctgaaagatc	atgtctggta	ataaagctct	cagggtttga	tggaaatgtt	ctttctcctg	224760
tagtaatgcg	gcgtgccaca	cagatcatac	aagattgcaa	atctacaata	aaaaattcac	224820
cctggtaagg	attatactta	acttttggat	atatatgttc	aataggcaag	caaagacatg	224880
gaattcagta	agaagggtta	caacacaagt	ttcaaaactc	caagtatggc	cactatttgt	224940
ttcatgaaca	tcacaaacat	ataatagctc	ttaccttccc	cttcctccat	catagctcgt	225000
ggctgagaca	gggcaaagca	ctgcattgtt	tcatatctct	ggcgcatttc	aggactggcg	225060

tttatgtctt	ccagaatatc	atgtgggtgt	ttcatcaaca	tacggcaatt	aatgtatgg	225120
cttttttgtc	tttgggtctc	atgtgtccag	gaaactccat	taactttgga	aaacaaattg	225180
aatgacatt	ttaaaaagct	ggtaactcat	tctatgacca	tcatcaagaa	ttcaagctgc	225240
atttttctcat	tatgcatgtt	ttccatagtt	atatctatac	taacatttca	ggctggcaat	225300
atacaaaaca	tgtgaataat	ttcaacttta	acagaaatct	cactgcataat	tttgtaacta	225360
tatgcctctt	aaaatgtata	ccaaattttt	aattcactga	ctccatattgt	gaaaattctg	225420
ctattaaatc	acatgccttt	ctaccctcat	ttgatcgctt	gacttcctaa	aagatacatt	225480
caatttttcta	agaaatgggtc	aaggaaaaaa	atthaaccta	tttagaaaaat	acacattaaa	225540
agcctacctg	tagattttgg	taaattctta	agaaaatcct	ttctgtcttc	ttcatgtaag	225600
atattgtaaa	cacttgtgtt	aaccagggtcc	tcttgcttat	attgcaggta	ttgtgtgaca	225660
ttttctgata	caaatacaat	gtttccgtct	cgattcacca	caaataaggaa	accatccaat	225720
gcctaaaaata	ggatatgtta	atacaggctg	ttatggactg	aattgtatcc	tcctccctct	225780
aattcttaaa	ttgaaactct	aaccatcagt	gtaactgtat	ttggaaaacaa	gaccttcaag	225840
gaggtaatta	aagataaatg	aggtcataac	gggtggggacc	ctaataccaat	atgactggta	225900
tcctataagg	ggagagaaaag	acaccaggaa	tgtgcacgca	gagaaaaagg	ccatgggaga	225960
acacagtgac	aagccaaggga	gaagccaatc	ctgctgacac	cttgatcctg	gacttcacgc	226020
caccaacact	gtaagaaata	aatttatattg	gtttcaccta	ccaagtctgt	ggatatttgt	226080
tatggtagta	tcagcaaaaca	gcaaccacag	tagtaagtag	aatgtgtaaa	aactactgct	226140
gacttaatta	ctgcaaaacaa	ctataagcca	ccattactac	taacattagc	accattacta	226200
caggccttac	tggggggaaa	aaaaaagaag	aataattggg	gggtgggggag	tgtgtacata	226260
aatatgttca	gcatgaaatc	tgaattaatg	tctaacctaa	tttttaaaga	attatatctt	226320
taaaggagct	tttaaaaatg	agaaaagcat	ccttagctct	tcccatTTTT	ccatttgatg	226380
ccaagtcaag	ctacagaaac	tgctctacta	ttccttaatg	agaatttaca	aagagggaatt	226440
tcaaaaactga	tcaactaaaa	gtagttggaa	caaactacct	gaaacaaaaa	gaagttgaca	226500
agttaacttt	atgaagggtc	tcagccccta	aacaaataca	aagcacatgt	ttaagtctta	226560
acaattcctc	aagaatataa	aaccatagcg	tgccatgtga	tcaatcacgc	aaaaattcac	226620
caaaaatgtc	tgagccgaaa	cgtacagtca	tcatacccca	gtatctgtgt	aaggttggtt	226680
ccaagacctc	ccaaagatag	caaaaatctga	ggatgctcaa	gtctccaata	taaaatgggtg	226740
tatttgcccta	tagcctatgc	atatattcca	atatacttta	aatcatctct	agattagtta	226800
taatacctaa	tacaatgtaa	gtgctatata	gtcatcacac	tgaggtgttt	tttattgttt	226860
taacattatt	ttttatttct	tcctcagcct	ccaaatctgt	gggtgcaaaac	ccatggatat	226920
gaagggccat	ttgtacccaa	atatctctgt	gaaattacag	gtacaccttc	ctttcctgct	226980
tgettatat	tttatgtttg	tatatgtgtg	gttcctcagt	ttgcaactat	atttttacta	227040
ggggggcaag	gcttcttgaa	ttatgtatat	tgttaattata	agagcatttt	accatcatat	227100
tcagaatact	gaactgtctc	aaagaaaaaa	atgttttctt	tttgtttctca	tttcctaacc	227160
aaaatttcat	cgatttttta	taactttata	ataaaccaaa	gggcaataca	gcctactgga	227220
cagttaaaat	ctttatactt	gcctgaagta	aaagcgggtcc	taaggagtct	ttatcaataa	227280
ctccctgccc	tgtagaagat	acatcggctt	tttgaacatc	atcatcattg	gaaatagttt	227340
ttcctgaaaa	gacagaagggt	ggtataacga	ataacacact	atcagttata	gattaaatca	227400
ccttcgaata	gtccccagaa	gagacataaa	gatacacatg	cacatgcccc	tacatacata	227460
caaaacattt	cctcataaga	gaatgatgct	acaatattat	aacatcaaaa	ctaaacttca	227520
tagttgcccc	ggaagccaga	agatacctaa	atcatttcac	tactaaatgt	actatcccac	227580
agcttcctga	aaaggaaacta	ccaaataaca	ggcaattgtc	tgtaaacctg	ctctaaagag	227640
cataagctgg	aggcccagcg	cgggtggctca	cacctgtaat	cccagcactc	tgggaggctg	227700
aggcgggtgg	atcacctgag	gtcaggagtt	tgagaccagc	ctggccaaca	tggcaaaacc	227760
ccatctctac	taaaaatata	aaacttagct	gggcgtgtgtg	gcagggtgcct	gtaatcctag	227820
ctactcgga	ggctgaggca	ggagaatctc	ttgaacccaa	gaggtggagg	ttgtggtgag	227880
ctgagatcac	accactgcac	tccagcccga	gagacaaagc	gagacaccat	ctcaaaaataa	227940
ataaatacat	aaataacaaa	aagcacagct	ggtcaacaca	tttgtctatt	cccatacttg	228000
ctagcctcca	tcagttgtag	tctctaccca	aacaaaggag	caaaaaggca	aatatagcaa	228060
caagttcctt	ctaaaacag	ggtccccaac	cccagacca	cagacaagta	tcagtctgtg	228120

gcctgttagg	aatggggctg	cacagcagga	ggtcagcagt	gggcaagtga	gcaaagtttc	228180
atctgtatta	acaacagccc	ctccccatca	ctcacattac	cacctgagtt	ctacatcctg	228240
tcagctcaga	agtagcatta	gattctcaca	gggtgtgcaa	tcttaatgtg	aactccacat	228300
gcgaggaatc	taggttgtgt	gctccttatg	attctcta	gccta	ctgtcacagt	228360
ttctcccat	acccccagat	ggatccatct	agctgcagga	aaacaagctc	agggctccta	228420
ctgatttcta	tattatgggtg	agttgtataa	ttatttcatt	atatgttaca	atgtaaccat	228480
aatagaaata	aatgcacca	caaacgtaat	gtgcttgaat	catcctgaaa	ccatccccctc	228540
taccagggtcc	atggaaaaaac	tggcttccac	aaaaccagtc	cctgggtgcca	aaaagggttg	228600
gaaccaccac	tgttcaaaaa	gacatgagtg	tttttattac	cttgcctctt	tatttgacgt	228660
atctgtctta	ctgttttcctt	taaaatcgca	catttatctg	gtttgacatt	gaaattgtca	228720
atatcactaa	gattggcaga	tatcagctca	gccaatctct	caatataatt	actttcctgc	228780
ttccgtctcc	gttttttcacc	actgcaggta	agactaaggg	aaaaggcgta	gaaagggggg	228840
aaaggagaca	taatataat	atcacaaaag	agctgttagc	agaatcagcc	cctatacaac	228900
actattacat	gattactttt	tttttttttt	cctcgagaca	gagttttcgc	tcttggtgcc	228960
caggctggag	tacaacgggtg	cgactttggc	tcaatgcaac	ctccacctcc	aggattcagg	229020
caattctcct	gactcagcct	cccagtagc	tgggattaca	ggcatgcgc	accacgcctg	229080
gcttattttt	gcatttttag	ttgagacgat	gtttcaccat	gttggtcagg	ctggcttga	229140
actcctgacc	tcaggtaatc	caccaccct	ggcctcccag	agtgcctggga	ttacaggcat	229200
gagccaccac	acccggccta	ttattttcat	atgtaaaca	actaaactca	gccaatataa	229260
actatcaaaa	atgctgtctt	ggagaagtag	tacaacataa	tagagattca	tgtaaacctca	229320
aattcagttc	catctttgtt	agctaggtgg	ccttgggcag	agttagcctc	agttacttca	229380
tctagaaaat	acgaataaat	catctttact	tcttagagat	aataaaaca	ctaacaata	229440
agaacaaaaa	cagtggtagc	tacttattaa	tgatgaagtt	ttattcattg	tagattgata	229500
tttttcaact	agcacattaa	acttcaattg	acactgactt	tggcaaatac	tttaaaagct	229560
atagagtagt	gttatataga	ttacattatt	ttgtttctaa	tttttaaget	tctcatttca	229620
cttggtaaaa	aaaaggatgc	aacctcaca	atgacaaaat	atcaacttat	aaccattct	229680
taaaagatag	caaagattct	tacttataac	tgtcaggcct	ctgagaccaa	gcctgcacat	229740
atacatccag	atgggtctgaa	gcaactgaag	atccacaaaa	gaagtga	tagccttaac	229800
tgatgacatt	ccaccattgt	gatgtttctg	ccccacccta	acttgatcaa	tgtactttgt	229860
aatctcccc	acccttaaga	aggttctttg	taattctccc	tacccttgag	aatgtacttt	229920
gtgagatcta	accccgcccg	caaaacattg	ctcctaactc	actgcctatc	ccaaaacctca	229980
taagaactaa	tgataatccc	accacccttt	gctgactctc	tttttggact	cagcctgcct	230040
gtaccaggt	gaaataaaca	gccttgttgc	tcacacaaag	tctggtggtc	tcttcacacg	230100
gacgcagtg	acataacctt	ggatcatctat	tcgtaactcc	taccctcctc	tccattcaga	230160
aattcttata	gtaccgcgaa	ttgttaatat	tctaccttct	atatgaatca	gcaataaaaa	230220
aaaaacttct	attacatcaa	aaagatgtcc	atctcatcag	taacactcta	cttaccacga	230280
agtgaacca	ccaaaaaatc	taaccagaga	atgtaa	caagaagtta	aaatgttatc	230340
cttaaacaaa	ggcacaacaa	gtgtggtaaa	gcaccaggaa	ataagtcc	tacccttgtc	230400
ctggagtatc	acatggcaat	ttgcgttttc	gtgaatcact	ggccagtggga	tccaagtttt	230460
ctccta	actcatcttg	aatatacatc	agcaactaag	agagaataat	gagaaataag	230520
ataagtacat	taaaaa	acatgactct	atgaaggtgt	tatatgactg	aatgactgca	230580
acttttaatt	cagaactact	ttctcta	agataattct	caatattctt	tttcataaat	230640
gactatactg	aagacaacct	cagatttcat	attcta	gaattatgca	gaacgtatgt	230700
actccaagac	agaaatgttc	ctcaagtcct	actaaaaatg	tgtatcttgc	aggggtgcgg	230760
agctcatgcc	tgtagtccca	gcactttggg	aggtcgaggc	aggtggatca	cctgagggtca	230820
ggagttttag	accagcctga	ccaacatgg	gaaatcccg	ctggccaaca	tgggtgaaacc	230880
ccgtctctac	taaaaataa	aaattagcca	gccatgggtg	caggtgcctg	taatcctagt	230940
tatttgggag	gctgaggcag	gagaatcact	tgaaccgagg	ggtagacgtt	gcagtgagcc	231000
gagatggcac	cactgcactc	cagcctgggt	gacaagagct	agactccgtc	tcaaaaaaaa	231060
aaaaaaaaat	ttgactgatg	gaaaaatagt	atgctttggt	taaaatttca	ttgatgaaga	231120
agataaatgt	agagtacttc	ttgttgagaa	agatgattta	agacatctac	taagccctca	231180

tttgctaaga	atTTTTatctg	tactaaaactc	ttgttttaaaa	caagacgatac	actgtttgtaa	231240
agaattacat	gtcaaccaaa	gaagttcaac	gatttctaac	taatttttat	atattaaaaat	231300
gcatcttgca	ttccaactaa	actctgagac	gtatgctgga	ggacataaat	ttccactagg	231360
tggcagaatg	ctaccaggaa	ggaagacaga	tttataaaaa	tgaaaaaatt	cactcaagat	231420
gctgatcaaa	cttcaaattgt	gtagcttttaa	aaaaaaaaatc	aaaagcaaaa	aaacaaaaaa	231480
aataaaaaatt	taaaaaatca	catgatcata	atataaatca	gaaaatctag	attgcaacat	231540
tgtctttaca	gatgcactaa	atatgtatta	aattaccaag	aaaattcatt	ctataacttt	231600
ggttgtaaaa	tggaaaggct	aaaaagctga	gatgatttaa	gtatttgttt	tttccccatg	231660
acaagtttaa	atgaaggaca	gaaaaagact	taaaataacc	tttattagta	gtgggtcact	231720
attattagta	gtggcacagt	cagatcacac	aatctcaggg	gtattgtatt	ttcaaactgt	231780
tcaatgtcac	aaaagacaaa	gaaagtctgt	aaacagtcga	gatttttaag	gaagctataa	231840
gaaaatgaca	actaaatgca	atatttgatc	ctagactgaa	tcctgtgcta	gagggtaaga	231900
aatgctata	aagaatatta	ttggatcaac	tgacaaaatt	agaatatgga	caatagacat	231960
aaaagtatgt	tgtcaatatt	aatacactta	agttgataaa	tgaacgcagg	ttattttaaga	232020
gaccaatatt	cttagtataa	tatttggggt	aacaggctat	tacatatgca	aattatcctc	232080
agatggttaa	gaaaaattgc	atatataatg	agtgaagtga	taaacctggg	aatggggaca	232140
ggcagagcaa	ggatgaggaa	gggagttgac	actaggtgaa	tcctgacctg	ggggggagat	232200
aaacgtaaaa	actctttgta	ctattttctt	gcaaccttgc	tttaagttta	aaattatcct	232260
caaataaaaag	agtttttaaac	ttaaagggtat	gttcggtttt	gattttccaa	ttttcatatt	232320
taaaaagagt	agctcaagta	atcccagtg	tttgggaggc	tcaggcagtt	tgagtttgag	232380
gcacttgagt	ttgagacca	tctgtgcaac	acagtaacac	cctgtctcta	caaaattttt	232440
ttaaaaataa	gccaggcatc	atggtgcaca	cctatagcat	taactactta	ggaataaaac	232500
aggaagactg	cttgtttgag	gagtttgagg	ctgcagtgag	ttatgatcac	gccaatgcac	232560
tcagactgg	gtgaccgagt	gagactctgt	ctcttaaaaa	caataataat	aataaattga	232620
ataattaaag	agccagggtc	agtggctcac	gcctgtaatc	ccaccacttt	gggaggccga	232680
ggcgggtgaa	tcacaagggtc	aggagatcga	gaccagcctg	gccaatatgg	tgaaaccttg	232740
tctctactaa	aaatacaaaa	attagctggg	cgtgggtggca	ggcgccctgta	gtcccagcta	232800
cttgggaggc	tgaggcagga	gaatcgcatg	aacctgggaag	gcggagggtg	cagtgagctg	232860
agatcccgcc	actgcactcc	aggcctgggt	aacagagtgt	gactccatct	caaaaaataa	232920
aaataaaaaag	aatagtgatt	ccatttcctta	agtacaaaaa	tagaataatt	cttgttatgt	232980
ctctataaatt	ggttttatat	ttgtttcatt	caaagggtgat	ttttaaattg	aatggcaaac	233040
tatccattga	gtaataaactt	tttttttttt	tttttttttaa	agacagggtc	ttactgtgtc	233100
accaggctg	aagtgcagtg	gcacaatctc	agctcactgt	aacctcggct	tcccaggctc	233160
aagcaatcct	cctgcctcag	tatcccaggt	agctgggaca	acaggtgagc	accaccacac	233220
ccagctaatt	tttgatattt	ttggagagac	agggtctcac	tatgttgccc	aggctggctc	233280
tgaactcctg	ggttcaagtt	atccgcctgc	ctcagcctcc	caaagtgtctg	ggattacagg	233340
catgaccac	cacaccacagc	ctacatttct	ttatttttaa	tatgtaattt	attccacatt	233400
ctagatatta	tttccttact	ttggcttttg	tttataagct	gaatccctga	aacaaatgga	233460
gaaactattc	catggataac	agcacttctt	taatttgaaa	gataaaattt	tgcctatat	233520
ctcaatatta	tttcctttgt	tattaaatat	aagttgaata	ctcagtaagg	agtaaggggc	233580
ctaccatgta	ataggtgggtc	aatatatgtc	ttgaataaat	attgaataaa	tataaaagca	233640
acattcaacc	tactaaatca	tagtttagaa	atttccttta	ttctgatcta	taacaatcat	233700
tcaatgcaat	cctactgcat	taaacttttt	aaatgtttac	ttctacagtt	gatatagtgt	233760
tacaataaat	tctgacagca	taaattaaat	caatagaaaa	actaagtcac	gacaatctct	233820
taatatgcaa	aaaaattaat	aagcacaaat	atcagtttaa	accagaaatg	cagatcattt	233880
gtgttaagcc	aatgtttatg	tgcataataat	gaaacctaaa	tatgtcgagc	tatgtccata	233940
gacacatgca	gctttttctc	ttgatctcac	aaaacaagct	acactgtaca	cataagcctg	234000
tgcaatcttc	ctgctaccaa	acttactcct	tcagagtcca	acctaattat	ccaaaaaggt	234060
actaaggga	ggccgggtgt	ggtgcctcat	gcatgtaatc	ccagcacttt	gggaggccaa	234120
gatgggcgaa	tcacctgagg	tcgggagttc	gagaccagcc	tgaccaacat	ggagaaactc	234180
catctctact	aaaaatacaa	aattagccaa	acgtggtggt	gcatgtctgt	aattccagct	234240



actcaggagg	ctgagacagg	agaattgctt	gaacctggga	gatggagggt	gcagtaagcc	234300
aagattgggc	cattggcact	ccagcctagg	cagcaagagt	gaattctgtc	tataaaaaaa	234360
aaaaaaaaaa	aaaaactaag	ggaaaataat	aacttaaaat	catgaaaaag	gtgttttacc	234420
gaacataaag	gtataattgt	ttaagatata	aaatatttct	atcttatttt	ttgttttgtt	234480
ttgcttttga	gacaagagtc	tcaactctgtc	acccaggctg	gagtgcagtg	gcatgatctc	234540
agttcactgc	aacctccgcc	tccccgggtt	aaatgattct	cgtctcagcc	tcccagagtag	234600
ctgagattat	aggtgtgtgc	caccacgcct	ggctaatttt	tgtattttca	atagagacag	234660
ggtttcacca	tgatggccag	gctggtctcg	aactcctgac	ctcaactgat	ctgcccacgt	234720
cagcctccca	aagcgtgcga	atcacaggca	tgagccacca	tgtccagtct	ctatcttggg	234780
tttttttagga	acaggttgga	cagattttgta	gttcttaatt	agacatggac	aaaacttagg	234840
tacattttact	gtacaactgt	ataagatacc	acaatgtcta	agagtaaagt	acaaattgtt	234900
ttataacaaa	aagcaaagta	gagcaaacat	ctcctgaatt	tcattaaact	aaagaaaatg	234960
ttcaacatga	gaaataaaaa	agcattttctg	gtcccccata	taataatttc	aatatataca	235020
ataattcctg	agcacaaaatg	actatgacta	accccttcagg	tacagttttc	tattttggtat	235080
taatcttagc	tataaacaaa	aaatcaaaaa	tggcatttgt	tttagttgcc	acgcctgtta	235140
tctccttctc	actgggagga	tatgctattt	tggtagatta	agatataaaa	ggtaaagtcc	235200
tagcacagac	acaatagatc	tagatcactt	tcagtcaaca	gtcaagaatg	aagatgagag	235260
aggggaataa	ggcaggtagc	aagaccatga	agttcttaac	cggtaagaaa	catggaacag	235320
taactacctg	agactagctt	acattttttac	atcttaaaat	acaacccatc	tagtttggag	235380
aatatatgta	gttgataaaa	gccatcttca	aagggcaaat	aatatagcac	aacagtctca	235440
cactaagttt	gatttgtaaga	acagtctagg	ccaggcgcgg	tggctcacgc	ctgtaatccc	235500
agcactttgg	gaggccgagg	cgggtggatc	acctgaggtc	aggagtcca	gaccagcctg	235560
gccaacatgg	tgaaccctta	tctctactaa	aaatacaaaa	attagctggg	catggtggca	235620
tgcacatgta	gtcccagcta	ctcaggaagc	tgaggcagga	gaaaagctta	aaccgagag	235680
gcagaagttg	ccagtgcagc	aagaccgcgc	cactgcactc	cagcctggat	gacagagtga	235740
gactccgtct	aaaaaagaaa	aaaaagaaca	gtctattaac	atagagtccc	ttcttaattc	235800
tgactcccta	caattagata	ttatcactta	tagttgaata	gaaaagaaat	taggacctat	235860
acttgctacc	aagtaatctg	tcctcctgaa	gttacatcat	acatccaatt	gtgagatgca	235920
tccatatttt	gaagttttcca	ctgcacctct	aatgcacttc	caagaagata	cacaatccag	235980
tctcagaagc	cttttcaagc	ccctggcacc	aaagtacaga	aaagaactgg	aaggaagaac	236040
ttctcatttt	atcagaattc	aaaggctaaa	accaagtcaa	tctttcaata	taaactctat	236100
catccagatc	catgagccat	ttttacaatt	attttcctta	tctaaaatgt	ttccactaaa	236160
aaaagttgta	tgctacacta	cttaaatgta	ttaaatatgg	caatgcacac	tttaagactg	236220
cattttttaa	aggctgggcg	gggtggctca	cgctgtaat	cctagcaact	tgggaggccg	236280
aggtgggcg	atcacctgag	gtcaggagtt	cgagaccagc	ctgaccaaca	tgggtgaaacc	236340
ccatctctac	taaaagtaca	aaattagccg	ggcgtggtga	cacatgcctg	taatcccagc	236400
tacttggggg	actgaggcag	gaggattgct	tgaaccagc	aggtggagggt	tgcatgtgac	236460
cgggattgtg	ccattgtact	ccagcctggg	caacaagaat	gaaactccgt	ccaaaaaaa	236520
aaacctgcat	ttaagcaata	tattccatgc	aattactttt	ttttggcggg	gcgggggggtg	236580
ggggcggggg	gcgggtggag	tgcatggtg	caatctcggc	tcaactgcaac	ctccacctcc	236640
cagattcaag	caattctcct	gcctcagcct	cctgagtagc	tgggactaca	ggcgcctgcc	236700
accaccctgg	cctagttttt	ctattttttag	tagagatggg	gtttcaccat	attggtcagg	236760
ctggtctcaa	acacctgacc	tcaagtgatc	caccgcctc	agcctcccaa	agagctggaa	236820
ttacaggcgt	gagccaccac	gtctcgtcac	aattacttta	atgtagaata	gtaacaatga	236880
gaataccttt	caatgctatc	aaaatctaac	gctattttcta	tattatatgg	aaaagtccaa	236940
agtatatcca	tgataagatt	taaaatgaac	aagtatctta	caacaactgg	atagaatgtt	237000
tcctataaat	actataggcc	tttctatacg	taacattcaa	gctatggaac	atgttgaaagc	237060
ttagacatca	acagaatata	taataaattg	ttagaaaatg	aactttcatg	gaataactaa	237120
ctaattaaag	ctgaaaagca	gcaaagaatt	atacctgcta	gtcaaaaaac	catgaaaatt	237180
ttggtatatg	gcttagcagc	actaatcagc	tttctttttg	gttatttggg	attaagacag	237240
gagggaaaaa	gtttgattat	acacagcaaa	ttagctaaat	ggacaaggat	acaggaacta	237300



cgccctgtcc	aaaaggaaaa	gatatcaatc	aacactacca	gtgttcatta	ggcaagcaag	237360
aagttatttt	gagggaccta	aaaaaagcta	tagtgtgcca	aaatagcaga	tgggttatcc	237420
agtaaactca	aattgacata	gaaaccaact	aaaatatttt	acttttccta	aattaataag	237480
ggagaaataa	ggagataatt	ttgtggtagt	acaatactag	acatctcata	tatactgtaa	237540
tttattttacc	atgaccctcc	agagtatgta	ttactataat	agtcccatth	tacagataag	237600
gaaatggcta	actttccact	agagcacaca	cagattctgg	atggcagagc	tggaaactaca	237660
atatttttttc	agacttcata	accaacaaaa	tatgtatcaa	atgtttcttg	ggcattttat	237720
tccccaccac	caccaaaca	agccatttgt	actactgaat	cacactatag	ccaaccagtt	237780
agccagaaaa	tttctcagct	tatcagtaag	aacactgaga	ggttatgaca	gccatagttt	237840
aggggcatgc	agtattaggg	acagaggcaa	ggagtgtctc	aaagtcagca	gataactaatg	237900
ctccccctcaa	gtaccttacc	taaccattac	ccaccgatgt	cactaaactg	cccttcgtgg	237960
tgggtctaata	ttacccataa	cccttacttc	cacttgagat	ggccaatggc	tcacacagca	238020
aaaggaaaaat	ttgagatcga	catatacaaaa	ctatacctta	aaatggtcag	tcaagtattg	238080
ttattcttttg	gtttgctatc	attaaatggg	ggagccactt	gactatccca	gcagcaattt	238140
agttttatctg	tcaggcttgt	ttccctaact	tatacaagg	atgattaaat	acactaatta	238200
gagagagggt	tgggtgtattt	cttgagaatc	acagtaactt	atggaaattt	tttcaaagag	238260
ctatggatct	gaactgggtt	attaaaaact	gcttcaagca	ctatgcaaaa	gcagagactg	238320
ctcaagtcaa	tcagaaaaaa	caagttcttg	ggaagaatga	gacagtcata	cataaaagt	238380
ctacccaaaa	ctgaaattcc	aaattctcaa	attcctaata	agacaactta	gaaaaataacc	238440
actactagtt	aacacaagg	cttaactcta	caaggttttt	ttctctaccc	taaaaatatc	238500
aaaaagtttc	ttaactctct	ttctttcaat	ccgtcattca	taccttact	aataaaataa	238560
gaggagctcc	aagagaactg	gtaccacgga	gaaaggactg	aagacaaata	taacgtgtgt	238620
aaaggacagg	ggaaggcagg	gaagagcttt	tataacgtgg	aactgttata	aaagcttcct	238680
cctcaagtgg	atgactcttc	cagtttagtat	ctctcctac	ctttgtttct	ttcaatgctg	238740
gtaaggaagt	taagagctgt	gaggagataa	gtaggagggg	aaagaaaaga	aaattttttt	238800
taattttttt	ttttttttaa	gacagagtct	tgctctgtcg	cccaggetag	agtgcagtag	238860
cgcaatctca	gtgcaacctc	cgcctcccag	gttcaagcga	ttctcctgcc	tcagcctccc	238920
gagtagctgg	gattacaggc	acccaccacc	acgccagct	aattttttata	tttttagtag	238980
agacgggggt	tcaccatctt	ggaaaggctg	gtcttgaact	cctgacctca	tgatccaccg	239040
gcctcagcct	cccaaagtgc	tgggattaca	ggcgtgagcc	gccgcgectg	gcctacttat	239100
ttattttttct	tttgcttcct	catectctgt	cagagaggga	aatttttttat	atccttttgt	239160
tttggtgctg	ataatttgct	attatgtttt	gtaggataaa	gtataacaca	atcctttttt	239220
ttttttttcaa	tttaattcca	tttcagctca	aacgttttgc	atgccagaaa	tcatttttagc	239280
cccagaaaaac	agggataaat	gtcactacca	attactagaa	ctctcaggct	agcagaacag	239340
gaaaacagaa	aaacaattaa	atttggtgaag	tgttaaaaaa	aaaaaaaaag	aaggaatcgt	239400
ttgaacacaa	tgaatagcaa	agctaggagc	ctacagtttt	tagaaaacaaa	acatacacat	239460
ggtatctaca	agaaactacc	ttgggtggaga	tgtatacaag	aaaacagtac	aacttcagtt	239520
cttggttaatt	tcttctccac	tatctttgct	ttataatgcc	agcatattga	gtgaagggt	239580
agcaagaaac	aataaagtaa	aacatcctat	ttttaatatata	taaattgaac	agaaaagcat	239640
ctgaatgtaa	attattttat	gcgcaagggt	ccattctctc	ttccttcttg	cacattttatg	239700
ttccagttta	aacctgatga	agttgaattt	aaacataaac	tccccagaga	ctagagtgt	239760
agaactgggc	ataccaatta	gccaactcag	gtgttagttg	caactggaaa	cttgtctgcca	239820
agagacttct	caacctctac	atgagcaaca	gagttgaagt	tcacagataa	tacactgtac	239880
agaggaggtt	aaggggagcca	attccatcca	tatccaaatc	aagttaccct	ctcctgacag	239940
cataactaact	agccgggttaa	ctcttttggt	ttaaagggtta	cattgacttc	tacaatttaa	240000
tactactgaat	ctatctcata	tataagaaca	gacttaagtc	tgagcttcat	aaacctgaat	240060
ttggcttcag	tttaaacac	ctgttaccag	tcatacttct	tcctcatcaa	tcaccaccag	240120
caaccccaaa	atgatcttta	tactaaaagt	ttttaataaaa	ggtaactgaa	acatttcctt	240180
tatttttaac	cttaagtcac	taattttttt	ttaatctttc	ccacatcgct	tttccatcta	240240
gaatattcct	gccttcaag	attaatttgt	cacctctggt	aaaaccatcc	ccgactctcc	240300
caattagaca	aaagttttcc	cttctttatc	ctaagcattt	tccatatttt	tactataaca	240360

ttttacatat	tacactat	ctgtctctgc	ttcctacctt	gtaagctcta	aaccattgtg	240420
taaacttgta	tgtaactcta	ttttttacaa	at	taactaccac	cattcctctt	240480
ctctttttcaa	actccagttc	tccttttgctt	ttccatcagc	tgtaacttttg	accaactcca	240540
catctttctta	aaatacacag	aaggtttctcc	ttttacagag	gtaaaaagaa	ataatttggc	240600
tgggtgtggt	ggctcacact	tgtaatctca	acacttttggg	aggccaagat	gagaggacag	240660
cttgaacccg	ggacttcaag	accagcctgg	gcaaagtggc	aaaacgcctg	ctctacaaaa	240720
aatacaaaac	acttagccaa	gcgtggtgac	gcacacctgt	agtcgcagct	actcgggagg	240780
ctgaggtggg	ggtatcacct	gagcccagga	ggcagagggt	acagtgcagct	aaggttcgcg	240840
ccactgcact	ccagcctggg	tgaagggagt	gagaccctgg	tctggagggg	cagaaggagt	240900
ggggcttttt	tattttgttt	tgttttgttt	ttgagatgga	gtctcgctct	gtcaccagg	240960
ctggagtgc	gtggcgcaat	ctcggttac	taaaacttcc	gcctcccaga	ttcaagcgat	241020
tctcctgcct	cagcctccca	agtagccggg	attacaggca	gctgccacca	taccacctc	241080
at	tattagtaga	gtcgggggtt	cgccatgttg	gccaggctgg	tctcgaactc	241140
ctgacctcag	gtgaccaacc	taccccagcc	tcccaaagtc	ctgggattac	aggcatgagc	241200
ccggccgagg	aggagatttt	ttaaacccca	gtattgtgta	ccatttttta	cctctggggg	241260
ttgtagttta	at	gtacagacata	agtatctcta	catcaaaagt	agtacttata	241320
cctaagtttg	tcctgtggc	atataatgaa	aataaaaaaca	gcagaggaag	aaagagataa	241380
ataaaaaacca	agggttttag	ccatgtctaag	gtaagtgaga	aagaactgga	taaagaagag	241440
tggtgaggag	ggacagtggg	tatgtgcaca	gagcagaaat	gaaatctgat	ataaattaaa	241500
ttaataagca	ataaagatgt	aaaggagaga	tgatcacagc	atatgcccc	ttctcttcta	241560
atctattctt	tccatctacc	tcacagagga	aaagacagta	ttgagaagta	aatgttaaag	241620
cttaagagat	gacaacatta	gccacctgg	aaccaaacag	ctgagagcag	caaggatgg	241680
acataaagt	taccatggta	cactaagtaa	acaatgaaga	gggggaatgg	taaccatgg	241740
caaatgcaag	acagataaat	attcctaacc	cagagtgcct	gtagagtaaa	aaacaaaata	241800
acaaacttcc	cactatagta	ctaaagttag	ccctgtccag	caatatcaaa	aatagaggct	241860
acaatgagtt	tggtcacctg	caacactgat	gttaca	ttaaagactgt	agaaataaat	241920
gtaaagctaa	taaaagactt	ttgggttgat	ttttcaaaga	aaagatat	aaggtagaac	241980
agagagatgt	ccttcttata	aagcaaagag	gttggagcag	atctgtaact	ctagcaacac	242040
gacacggcaa	gtctgactca	caagacttcc	tgaataggtc	atcatctgta	ctgctgctta	242100
gtctgtggct	cagtcctttt	tttctgacc	tcacagctta	ttactcttca	gtaatcatta	242160
aataacttta	aattcaaaag	aatcctttt	taaaaatgtt	tccgggccag	tttcagtagc	242220
tcacacctgt	aatcccaacg	ccttgggagg	ctggggcaag	aggattgctt	gagcccagca	242280
gtttgagacc	agcctgggca	acatagttag	attctgtctc	tgcaaaaaac	acaaaaatta	242340
gctgggcatg	gcagcatgtg	cctgtggctc	cagctattta	ggaagctcag	gtaagaggat	242400
cacttgagcc	caggagggtca	agtctgcagt	gaacctgat	caccgcactc	tggcctgggg	242460
gacagagcaa	gatcccgct	caaaacagta	acaataataa	tagtttccat	atccctagaa	242520
gttatgtgtc	tgataataga	at	tcaaataaat	ctctaaagcc	attattcatc	242580
tgatgacaac	aatacaaaata	atgaataaga	aaatatatat	caaaaagtta	aaaaataaaa	242640
aaagctttca	acattatttg	ccttctggag	ggtggggtag	cactggtaaa	aaggttaaaa	242700
ggtatcagaa	ctgaaaactc	aataaaaacc	ttgacctct	ccattcctct	ccaaaaata	242760
gctaccgtct	tatgtggagc	taaacattta	taccattagg	tcaagattgc	ttcagggaag	242820
aaatgtgcag	taagcaaaaa	tataaaatac	tgcaaagagg	aggagaagta	catcattcaa	242880
tttaaaatac	aacattaaaa	aataaaaata	aaaaataaaa	tacaacatag	ccttggtttt	242940
tctttgttgc	tattcaaatg	ttagtttcat	gatccataac	tttttttttt	tttttgagac	243000
ggagtctcgc	cctgtcacc	gggtggagt	gcagtgggtc	aatctcggct	caccacaatc	243060
tctgctctcc	gagttcaagg	aattcccctg	cctcggcctc	ctgagtagct	gggactacag	243120
gtgtgcacca	ccacaaccag	ctaatttttt	tgtatttttag	tagagatggg	gtttcaccat	243180
gttggccagg	atggtctcaa	actcctgacc	tcgtgacatg	atccataact	ttaaagaact	243240
ttttttctgt	acttcacaaa	acctgcctat	ccatgtctag	taaatgaagc	tgggggcacc	243300
tcattattat	tagagaatat	ctgaggcaag	aaaattttat	tacgaacttc	tgtaaaatca	243360
tccatacacc	taaactgggt	aaaacccaaa	cctacttcac	caagtatctt	aagagtggtc	243420

actgttcaac	ataticgggtg	tcattccacat	agaaaaagga	aatagtatcc	cctatgctaa	243480
gtgcttgggg	tagatgaatt	gttgatcaaa	acaggaatth	ttttgccttc	aaggagctga	243540
tgactcgggtg	tgaggaatta	acaaactagt	aagtagatca	tcagaaattg	tattatatgc	243600
tacaaaacgt	ctttatttta	aattaatggc	cgatttgtga	ttcagaaaca	gaaacaactg	243660
agtaccagac	ataticctata	atgttatata	gctgttcaaa	gtcctaaatc	tctatagtag	243720
atatgtttct	tactaataaa	agaagtagat	tcaggttaac	aactaaatgc	ccctgaaatt	243780
ggccaaaactt	cagattgggt	agctcagacc	tcctccgtat	ttaagcagca	cagaatagag	243840
gcagctgtag	caggaactgg	gtgtgctaca	agataccaaa	tacaacaagg	tgaaagggtt	243900
aagtcaaatg	cttctagagt	tccaacccaa	ttcactagat	ttcaagcctt	ttgatctcag	243960
gattccttta	cctcttaaaa	actggaaacc	tgtaataact	tctgctatgt	gggttatgtc	244020
agtattcacc	atattagaaa	ttaaaactta	agaaacattc	accttttttt	tttttttttt	244080
tttgagagaca	gggtctcagc	tctgtcacc	aggtctggagt	gcaatgggtg	gatcacggct	244140
cactgtagcc	tcgatctgct	gggtctgaagt	gatccctcca	cctcagcctc	ccgagtagct	244200
ggaaccacac	gcattgtgcca	ccatgcccag	ctgatttttt	taattttttg	tacagaccag	244260
gtcttgctat	gtttcccagg	ctgggtctcca	actcctaggc	tcaagcaatt	ctcccacctc	244320
ggcctcacaa	agtgttgga	ttacaggcat	gagccaccaa	gccggactca	ttcacttttt	244380
tggtttatth	gttttgtttt	gttttttgag	atggagttht	gctcttgtca	cccaggctgg	244440
gctggagtgc	aatgccgcaa	tcttgactca	ctgcaacctc	cacctcccca	gttcgagcga	244500
ttctcctgcc	ccagcctccc	aagtagttgg	gattacaggt	gcccgcacc	atgccgggct	244560
aatttttgta	tttttagtag	agacagggtt	tcaccatgtt	ggccaggcta	gtctcaaact	244620
cctgacctca	ggatgataac	ctgcctggcc	tcctaaagtg	ctgggattac	aggcatgagc	244680
cactatacct	ggcctcatt	cactttttta	agcccatcat	atattaacat	aaataacaat	244740
ttttgcaaaa	aacaaaactt	ctgaaacaat	gagaattata	aaataattaa	aaacatatat	244800
ttgcatataa	ttacctgact	taatagaaaa	cagttattta	cttctgcatt	caatccgggtg	244860
caatgttatc	ttgatttaag	gataataaga	aaatctggcc	tcacaaagac	atgtacttgt	244920
aaaaggaagg	actattttta	taaactttta	taaataatta	tgatattttc	ttgatattac	244980
actaaaacaa	ctggtaattt	cttaaagggtg	agtttttatag	gagagaaaaa	aataattttt	245040
cctctaccct	atctgagttc	taagtgggtg	cagacccttt	aacaaaagac	aaattaacaa	245100
gagaaaatca	gaaatataat	aaatatatct	catgtatcca	tgagagatac	ccagagaaat	245160
gagtaaatct	tttcattttc	aagagggtgg	ttagaattca	gacttaaata	tcattcttcag	245220
ctgaaacaaa	taaagaaggg	cacaggggct	agggagcaat	agttatggag	aggtgaccaa	245280
gaaaagcatg	gtaaacacaa	gtaaggcttg	ttatacagat	ttaagtctat	gccttctcca	245340
ttagtaagtt	tctagtgaat	gagtcattct	tttcttggtg	atgaggaaga	cacctttaca	245400
agggagattt	cctttataga	tataaatttt	cccttaacaa	agggtaactt	ctactctggt	245460
ttcagaactt	ctcctgtgtc	tgcttctcaa	aataatcctt	acaccaaaca	ggcatatttt	245520
aggggtggtat	attctagtct	cctacagttg	caaagtggaa	tctgaaacca	tataaatgaa	245580
ttttcatgct	gtctcattaa	aatgcattgg	atctaacttg	cactctgaac	agatctttta	245640
cccatgcac	actgtataat	caaacaccgg	gtcatttaga	taatactggt	tcactgagtt	245700
aaagtagatc	tttcaaatgc	tggtacattt	cattacacaa	tttttttaac	ccacattcat	245760
taatgtcacc	acccatctca	tcaggaaagt	aataaaaagg	tggttatgct	atggtggccg	245820
attcaagttt	acttacttat	aatttcactt	gaagctcaaa	ttttatcact	gtcaaccaat	245880
acagtccagat	gttttccctg	tagtgacagg	ttcacctcac	tcaatttgaa	gacagtctcc	245940
aaataaccaa	gactcaatag	ccatgggttg	tcactcatcc	aagtaaaaaa	gggtgtccat	246000
gaaaaaagtg	ggtacttcag	ttcacaacgc	aaactgcgca	agtgcctttc	ccggagacag	246060
ccatcatact	ttggcaggca	gaagtctttg	tgcacatttt	ccattctcat	cacacagaac	246120
attaaaacga	cagtacttaa	gggtacagtg	aaaggtaact	aaggaaaaaa	gggaatgagg	246180
gccagggtga	gtgttgctgc	ttcatcatgg	acaatcctca	gtggaaaaact	gatttttttt	246240
tttctttatg	agctcctggc	agtgaagaat	gcaatgtcta	cctaggagcg	gagtcctggc	246300
ccactgcctt	aattcatggg	aagggtgtcag	caattttatg	catcacgcga	tttccaccat	246360
cgggtgcaaac	accaacggga	tgaaaatagc	aaataacaca	ttagcattat	tatgagaata	246420
gtcttaacca	tgtagaaccc	ttaaaagggt	ctcagagact	accgggagtc	cacgcaccac	246480

acgttgagag	ccactatatt	agattaaggt	tggggctgag	agcctgaaac	tgggtctggc	246540
ttctccaaga	tacccacagt	tcatgtaata	aatgttttag	ggccaggagc	agtggctcat	246600
gcctataatc	ccaatacttt	gggaggctac	agtagagggt	cacttgccag	aagttcaaga	246660
ccagcctggg	caatgtggca	ggacactgtc	tctacaaaat	acaaaaaaat	tagtcagggg	246720
tgggtgtaag	taaataaagc	aagtaagcag	ataagtaagt	aaataaacag	atgctttagt	246780
atctactatc	tgcaggccta	tataaacaag	ccatgtttgt	agatcaaaag	aacatggaga	246840
cttcctgaaa	ggataacaga	gaaatgctgc	tatcaatcaa	caccacctta	tcccattgct	246900
ccaaatataa	taatgacaga	taaaatacga	attttgtatt	aacttcaaaa	gacacagtta	246960
cgctcaaaca	tgacaaatat	atttgtggac	catgacagag	gggaaatata	aagcaataaa	247020
ttaataactc	catgaaccca	actgagctcc	aggacaagaa	acaagcaaag	gcagtcagga	247080
aatgaaatca	tgcacaagat	aagaaaacca	aaagcaaggc	tcacaggtaa	aacgaaaaaa	247140
tctcataggt	agaaaccaa	caaaaaactc	atgaaaggaa	ggtgaaaaaa	ggtattatca	247200
atagctaaag	ttattatttc	aaactgccac	aggcagttgt	agaggaaata	aaaggctactc	247260
taaataaata	aaaggtaata	tatacataat	aataatatat	atatgtctca	tacacacaca	247320
cacacaaaca	aaacctaagt	aatgcatatc	accaacattg	caataatatc	tcagaattag	247380
aatcctagat	ctagactgaa	agcatggtgt	aaatgtatga	aggcaacaaa	aacagaggta	247440
taggtggcag	ggagacatac	agaaaagaac	accaaataaa	agggaaaaaa	attattttccc	247500
actcagcata	taaaccataa	actaaaatcc	taaagtgtat	ttaaaaagtg	aactaatggg	247560
ccaggcgtgg	tggctcacgc	ctattatccc	agcactttgg	gaggccaagg	cgggcgggac	247620
acgagggtcaa	gagatcgaga	ccatcctggc	caacatggtg	aaacactgtc	tctactaaaa	247680
atacaaagat	tggccggggg	tagtggcatg	cgctgtagt	cccagctact	caggaggctg	247740
agggcaggag	aatcacttga	accttgaggg	tgaagggtgc	agtgagccga	gatctcgcca	247800
ctgcactcca	gcctgagtga	cagagcaaga	ccccacctca	aaaaaaataa	ataaaaaataa	247860
aaaataactg	aactaaggaa	gatagtcaag	aaattcatca	atatcaaaaag	atgaattcaa	247920
tgcttaataa	aaatcttgaa	attggtttaa	aataaatgtt	tatgatcctt	aatgagataa	247980
agaattggcc	aggcacagtg	gctcaagcct	acattgccag	cacttttgaa	agctgagggtg	248040
ggagggtcac	ttgagcccag	gagtttgaga	ccagcctggg	caacatagca	agctcccatc	248100
tcgattttta	aaataataat	tgaagcccat	tacgaatgat	aaaaagaaac	agaagaataa	248160
atggatgtta	aaagaactat	aagctttcac	gaattataaa	taatttgaaa	agatagtatc	248220
atcaattatc	cacagccaaa	ctctagacag	acatgggata	cttgtctgaa	accaagaatc	248280
aatagacaag	gttaattcct	aaactggaca	cacaagcaca	catcattagt	gaacaagaaa	248340
acaacgaatc	caacttaaat	gaagcatagt	gaagagggga	aaagaacaca	gacttaacag	248400
ctgattttgag	ctcagcatga	ccttaccaaa	tttcatcttc	tgaagctcaa	tttcatcttc	248460
tctaaaatgc	acatccatca	cctttacaaa	gttggttgaga	ggattaaaaa	ccacaggtaa	248520
aacaaaacct	cagtgatgtc	tggcaaatgg	taggctctcg	aaaaatggct	ccctcaagaa	248580
ctgtaccatt	tacagacaga	atcaaggtaa	ttaagaaaaa	tgggaatttg	cctcttaact	248640
acaaacagat	ctacaaccta	gtttacaaaa	aaagatatatt	gtgtttttcta	attcctatat	248700
tactgataca	gacaggagac	agggaaatac	tgggtagaag	aaggcagttc	cctggcaaaag	248760
gccccactca	agcctgaaaa	cccatgacct	taaatgagaa	caaacattcc	tgttttcatg	248820
cctaaaagtt	gccttttgac	ccaccacgcc	cccatatcct	gtacccatat	aaaccccaag	248880
cccccggtc	cacaaggaga	caaacagaag	agcagaagaa	tggcagaatg	gcacggcaga	248940
gaaagaagag	aaggaacatc	tgaacaccaa	gaggagtctg	gctgaggacg	gtcagagagg	249000
agatgggcca	ctggatggcc	aaattccagg	ggaagatcat	tttccctactc	catccccctt	249060
ccagctcctc	atccatccaa	ctgacagcca	actccatcac	tcaataaaaat	ccccacattc	249120
accatcctca	agtccgtgtg	tgacctgatt	cttcctcgat	gctggacaag	gacctgaata	249180
ccaagaaggc	cctgagctgt	ttaacactta	agccgtccat	ggtcggcaaa	gcaaaaagag	249240
catactgtaa	cacatgccta	cttgggcttg	gggagttgca	gactcccacc	cctggacact	249300
cccatgagaa	cagagcccag	gggcactcgc	cccagatcct	gcacctgcct	gcacgcatgc	249360
tcctcctccc	aaaaggggtt	tgagagcacg	gaacagatga	gccacagccc	tgtcgcacgt	249420
cctgtgaggg	gggtcagggg	actctcccat	ttaattagct	gaataaatta	agcaaattgt	249480
ctaaatcttg	gtgcctacag	gagaatttaa	gagatgtctc	ttgagaaata	ctaaattctc	249540

aaagatgcta	agatcttcaa	atgaagtttt	ggtagtggtc	ttgaattggt	cttatggcac	249600
ttaaaatggt	ttctaaaaac	ctctctgata	tcatacacctt	ctctgtcaaa	agaatttgta	249660
gaaacggaac	tcttatttagg	aaaggcattt	gggttacaa	tgactaagga	ttactttcttc	249720
cttgaaaaat	catgttaacg	ttcataactt	atcgctctgc	aatttttttt	aatctaaaga	249780
cactggcaat	ttagcctaaa	aaaaaccctt	cactattcat	cactcttaat	aagatggctt	249840
cctttccaac	tgccaaaagg	aaaatggaaa	gaaactcagg	cttctcatat	ttcaaataaa	249900
attaagagag	agctatttta	gtatggaaac	accaacagtt	tagatgggtac	cttcacacca	249960
caaactagac	ttatcaaaaa	cctaagtaaa	aattctcata	cacaaaaata	aattttcaact	250020
ttctttctcag	cgcctaggaa	tcaaagcctt	aaactactga	atcatgtctg	gaaatgaaaa	250080
gacagtagga	ttacagctgt	gcatggccaa	tttatcttct	gaagtcaaa	cattttctcct	250140
gttaccttgc	agcaagtcaa	tgtgatctgc	atataaatat	attaaatggg	cacagtatct	250200
gaaacctata	ccaaccacaa	aagggtgttat	tttaattaac	aagttggcaa	cattatgagc	250260
tttacagttt	tattctagaa	ttctttttga	attatcacia	tttaaagaaa	attttttaaag	250320
gctaagaact	cagactaaca	attatgccat	tccaattcta	tttatgtcac	cctccagtaa	250380
aatagcccta	taaatagctt	ggcaaagaga	acagcaatat	aacaatagtt	ggtttagaaa	250440
aaagttaatt	tctaccattt	agtcttctac	aacaggacaa	aatttttatgg	taatgaaatt	250500
aaagaagggc	caaatcaaac	actatataac	aaaagggcta	tctggaatgt	gttacattat	250560
ttgtaatagc	acagaaacta	taaaagataa	attccatgta	aatgaatgaa	gtagcctgca	250620
ttgctgatct	tccaaatgct	tgtgtactca	tataagttta	atataattgag	ctcattaaag	250680
atttacactt	agttttcttat	attaatgata	agcaatacat	gatggaaaat	atattttaaag	250740
cttaggaaca	tatgttgagc	atgtgtgcac	atgcaaagct	ttcaaagttg	ctttaaaatg	250800
tgaaaatgaa	tatggctccc	cctgttatcc	ttgataaatg	tcagctgtca	tgtactcatg	250860
tccaatacat	actatttttc	acagagcaga	gaccagaaa	acgcaatttt	gaaccaccca	250920
gctgcatgta	atgggttatac	ataagcaaat	tctatttgag	gtcagaagtt	taaaggtttt	250980
caatatcaac	ttctaaataa	tgcaggcttt	atatgttaaa	tattacacag	attcaaaagc	251040
atactccaat	tagaagtttt	tggaaacaga	caaaatcgta	agaaggcaat	tactctaaaa	251100
gtttggcaca	tgagataggc	tcattttataa	cagtgatata	aactggacta	tttgtacagc	251160
agttcacctt	ttatttagatt	attgagctga	tatttaggct	aattctatatt	cttaattaag	251220
ttacaaaatt	aagtactata	aagctatatt	attaccgatc	taacgatttt	catgtctata	251280
tctgaaagct	tagcagaaaag	taaaaccgcca	taacctttgg	tctttgctat	ggtttgaata	251340
tagtttatct	ccacaaaact	catgttgagg	cttggctccg	gatgtgggtat	tccgaagtgg	251400
tgcctttaag	aggcaagtaa	gtcgttaaga	tggattaatg	cctttctcac	tcccttgagt	251460
tcttgctccc	acaggtttgg	actaaagagt	gggttggttac	aaagtggagc	cacctcttgt	251520
gttggttaact	ttgcacatgc	ctgcttcccc	ttcctcttct	ccaccgtggg	gttacgacat	251580
ggcacaaggc	cctcaccaga	agctgaccag	atctcagact	tcccagcttc	cagaatcatg	251640
tgctaaataa	acctttcttt	tataaactac	ctagtttcta	accctagaag	accagaacac	251700
tagaacagaa	caccagaaaag	cagactaaga	cattctttga	ctttaataat	aaaatacaat	251760
tatcaatagg	aattgtcttt	tgaaagcatc	ccctgtatag	tatgtgacct	atacttaaaa	251820
taaattacct	tttacagtaa	gttgtcatat	gagcaacact	aaattcaaga	tacaattttt	251880
gaattctatc	tttttttttt	tttttttttg	ccagggacag	tggctcatgc	ccgtaatccc	251940
aacactttgg	gaggccaagg	agggcagata	gcttgagccc	aggagtccga	aaccagactg	252000
ggcaacatgg	caaaaaccca	tctctaccaa	aaatacaaaa	cgtttagctgg	gtgtgctagt	252060
gtacgcctgt	agtcccagct	acttgggtgg	cttaggtggc	aggactgagc	ttggaaggcg	252120
gaggetgaag	tgagccgaga	tcacaccact	gcactagagc	ctgggtgaca	gactgagact	252180
ccatctcccc	caaccacac	gcccgcacaa	aaaaaaaaac	acatttaagc	ttttaaaatt	252240
ataaatgcgg	ccatgcgcgg	tggctcacgc	ctgaaatccc	accactttgg	gaggccgagg	252300
cgggcagatt	gtctgaggtc	acgagttcga	gaccagctcg	gccaacatga	tgaaatcctg	252360
tctctactaa	aaatacaaaa	aattagctgg	gcgtggtggg	gggcgcctgt	agtcccagct	252420
acttgggagg	ctaaggcagg	agaatggcgt	gaaccgggga	ggtggagctt	gcagtgagcc	252480
aagatcgtgc	cactgcactc	cagcctgggc	aacacagcaa	gactccatct	caaaaaaat	252540
aaaaataaaa	aaatatatat	atataaaaata	tataaaatac	acacacacac	acacacacac	252600

acacacacac	acaaaggaag	tgagagaatt	agccatcaga	tcattctcaag	taaaataaatt	252660
ggagcttttc	tacttgata	tactgcactt	aactaactag	tcctaaacag	cagatccacc	252720
aggattatga	atTTTTTggt	gaatTTTTTT	taaactgtag	ttataaactt	gagagcaaac	252780
attgatttct	ggaggcattg	cgcaagatag	ccataaatat	ctcaciaaatg	tttagtggac	252840
aaacaggaag	tggagatgga	tctgggtatg	gtctTTTTta	gaatgcaatc	TTTTcaatgt	252900
aaactttctt	gacacatgaa	aaagatatgc	tgctggaatt	catattgacc	atataattac	252960
aggatgacct	ctataaaaaag	actgaataag	gtTTTTtaaa	atttgaagtg	agtgcaatta	253020
acatcttatt	tttgaaatct	aacaatgttt	gagataggaa	accttttgag	atcagtgtca	253080
tgaggaaagt	aatatttttc	cataaaatTT	ctgtatgaca	tcatagtgtt	cttagcagtt	253140
ttgcatacat	cagctagatt	ctttaacagc	tttactgaga	tattaattca	catattatat	253200
gcttaaagtg	cacgactggc	TTTTtagtata	tttcagagtt	gtgtaactct	cactgtaatc	253260
aatttttagaa	cattttcatt	atccccaaaa	gaactcaaaa	tccttagct	gttattcccc	253320
cctgctccca	ttcccacccc	ctcaacctca	tataacccaa	ccttcacact	attcaccctt	253380
gcccttgaca	accacttacg	tatttgcgct	tttatggatt	tacctattca	ggacatttaa	253440
tataaatggc	atcacacaat	atctagttct	ttgtgactgg	cttcttttac	ttagcatagt	253500
gttttcaaat	acatcaacat	tgtagcacat	atcggttcag	tcatgcctag	cttaatgaca	253560
gggatacatt	acgagaaatg	tgccctcatt	ccatttcac	attgtgcaaa	catcacagag	253620
tgcccttaa	caaacctaga	taatacacgcc	taaacttagg	ctatatggta	tagcctacag	253680
ctcctacgca	acaaacctat	acctatactg	catgttaata	tattgaatag	cgcaggcaag	253740
tgtaatacaa	tggtatttgt	gtatctaagc	atatctaaac	atagaaaagg	tacagtaaaa	253800
atacagtata	atcttatgga	accactgtca	tatatgtgg	cctattcctt	cattgactga	253860
aacattgtta	tatgctacat	gactgtactt	cattgctttt	tatttctggc	taataacttca	253920
ctgtatggat	acaccacatt	ttattttatgc	acctatcagc	tgatggaaat	ttaggttgtt	253980
gttctgctac	tatgaatact	gttgcctatga	atatttgtgt	gtaagctgtg	tgattatgta	254040
tattcttaaa	tgagaaatca	tgagcactaa	taataaaaaat	aggtttcagc	caggtgtgg	254100
ggctcatgcc	tgtaatccca	gcactttggg	aggccaaggc	aggaggatca	cttgagggtca	254160
ggagtccgag	accagcttgg	ccaacatgg	gaaaccctgt	ctctactaaa	aataacaaaa	254220
attagccagg	catggtggca	cgcacctgta	atcccagcta	ctcaggaggc	tgaggcagga	254280
gaaccgcgtg	aaccagggag	gtggagggtt	cagtgcagcag	agattgtgcc	acggcactcc	254340
aacctgagcg	acagagcgaa	actccatctc	aaaataaaaat	aaaataaaaa	caggtttgat	254400
aatacatgta	aatgatgctt	ccaaagtctg	ctagtaaaca	gtaaagaagc	caggttcttt	254460
tttttttttt	tttttttgag	acagagtctc	gccctatcgc	ccaggctgga	gtgcagtggc	254520
gtgatcttgg	ctcactgcaa	gtccgcctc	ccacattcac	gccattctcc	tgctcagcc	254580
tccagagtag	ctgggactac	aggcgccgc	caccaagcct	ggctaatttt	tttgtatttt	254640
ttagtggaga	tggggtttca	ttgcgttagc	caggatggtc	tcaatctcct	gacctcatga	254700
tccgcccacc	tccgctcct	aaagtgtgtg	gattacaggc	gtgagccacc	acgcccggca	254760
gaagcctgg	tctttaaaaa	catttattct	aaaaatctaa	aaaccaatca	tggaaatctta	254820
actatgatta	atatgttaac	gggtctctaat	ggggaaagca	gacaacatgc	aagaagagat	254880
gggtaatgta	agcagagaga	taaaaaactct	aaggagggaat	caaaaggaaa	ggttaggcca	254940
ggtgcggtgg	ctcacacctg	taatcccagc	actttgggag	gccgaggccg	gtggatcacc	255000
tgaggtcagg	agttcaagac	cagcctggac	aatatggaga	gacctatct	ctactaaaaa	255060
cacaaaaagt	agctgggctt	ggtggcgagt	acctgtaatc	ccagctactc	gggaggctga	255120
ggcaggagaa	tggcatgaac	ccgggaggca	gagggttacag	ttagccgaga	tcgcaccact	255180
gcactccagc	ctaggcgaca	gagcgaaact	ccatctcccc	ctcccaaaaa	aaaaaaaaaa	255240
agcacagggt	agaatcaaaa	aagactaaca	gaaatgcaaa	atgcctttga	tgggctcatc	255300
agtagaccaa	acataggagt	gggagaccag	agagccttaa	gatcaataca	aactcccaa	255360
aactgaaaaa	gaaagagaaa	atgaaaaaga	aaagaatatc	caagaatgg	gggacaatta	255420
taaaagggtg	aacacacaca	aaatgggaat	actattcaca	tgaaatttta	gaaaaggtaa	255480
aacagttagt	acataaagca	gaccagtgg	aggtttcttc	tggttgctag	ggaccagtgg	255540
agatgactga	ttgcacagag	gcacaaagaa	ctttaggggaa	tggtagaaat	gttttatatc	255600
atgactgtgg	tgatgggtcac	atttgtcaaa	actcattaaa	ttgtaaatgt	aagggttggt	255660

aatatatttgt	atgtatatta	tgcctttaata	aagtttggttt	tttgaaatca	agtacttaag	255720
gaaaattaca	gtgcttattg	ctaatoctat	gataaataaa	aagtgatatg	aaataactta	255780
gctaataaaa	caagaaacaa	tgtataaaac	atcttcagtaa	gaaaatttac	ttttggctta	255840
gtatggtgcc	tcacacctgt	aatcccagca	cttcaggagg	ccgaggcagg	tggatcgctt	255900
gagctcagtt	cgagaccacc	ctgggcaaca	tgttgaaatc	cccatctcta	ccaaaaatgt	255960
aaaaatatta	attagtcaag	tgtggtggca	agcgccgtga	gtcccagcta	ctcaagaggc	256020
tgaggtggga	gtatcgcttg	agactgggcg	gcagaggctg	cagtaagcca	agatcatggc	256080
actgcagttc	agcctgggca	acagtgtgag	accctgtcta	aaatttaaaa	aaagaaagaa	256140
aattttacttt	ttctaaagta	gtaccaccac	attgaaagca	aatatattag	cagttaaaat	256200
caagtttgtt	taaaacttta	gagcaataaa	aatattttaa	acgagataca	aaaaatgata	256260
attgcaacgt	tgttcacact	tcaaaagcta	gaagaaatc	taatgtttat	caattgcaga	256320
tttgaaaaat	gaattcta	gaagccatgc	aaaagaatac	aatacaggga	tggtaaaaaat	256380
gaattatata	caacatgggt	ggatcttaca	atcttagaaag	ccaccacatt	acatccatta	256440
tatttttggg	aagctaaaaa	aaacaagaaa	actaaacatt	gttcaaggac	acatccaaat	256500
gagacttttt	caaagttttt	taaatgaagt	taattattaa	ctcaaagata	gctgtgactt	256560
caaggataga	agcaggatga	cttcgggaag	aaagattcag	ggagcaggta	cactatacga	256620
actgacgcgc	ccgttcttca	gttcaaggag	tgggttcaag	aatagccttc	aaagtatact	256680
tcataattca	aataatatat	actctttatt	tatataaaaa	taatgtgtaa	ttttagtgtt	256740
taaagtaaaa	aatcactatg	tgaacaaata	cttgctctaa	catctgagtg	aggtattgtg	256800
ataaatgcat	tccacttatt	actcccattt	aatcctcctg	acagccctat	gaaacacaga	256860
atagtgcgct	agatgaaagt	acagttcaat	attatcccta	cttcacttga	aaacactgag	256920
acatcgaaag	gtaaactcaa	cccaaagtca	tacatccagt	aagtgggtgga	gctagaaatt	256980
aaatccaagt	cattctaact	tcagagccaa	gcttttaacc	aatcccacca	aaaaatttaa	257040
aaaaaaaaaa	gccttatgtc	atggcatcaa	atattttatt	tttttcatgg	aatctcagta	257100
aagccacatc	acttacagct	attctaacag	tttagataga	actggcctta	ctggacttcc	257160
aataataaat	cactcttttc	cagccacacc	aagtgggaaga	tcccaccagt	ctaaaaaatt	257220
taaaaccagt	tataaatcac	ggtcctttgc	aagttaagcg	ccagccaagg	actgtagatt	257280
cttgacctat	ccctatagat	atctcctgta	aaaaattatt	ttaaggccag	gcgtgggtggc	257340
tcactcctgt	aatcccagca	cacttttggt	ggccaaggcg	ggcggatcac	ctgaggtcag	257400
aagtttgaga	ccagcctggc	caacatgggt	aaaccccatc	tctactaaaa	ataaaaaatt	257460
agctgggcat	ggtggtacgt	gectgtagtc	ccagctactc	agggagctga	ggcagcagaa	257520
tcgcttgaac	ccaacaggca	gaggttgtag	tgagccgaga	tggcgccgct	gcactccaac	257580
tagggtgaca	gagtgagagt	gtcttttaaa	aaaaaaaaaa	ggtcattttt	aaggctgggc	257640
gtggtggctc	acacctgtaa	tcccatcact	ttgggaggca	aaggcaggcg	gattgcctga	257700
ggtcagggga	tcgagaccag	cctggccagc	gtggcaaaat	tccatctcta	ctaaaaatac	257760
aaaaattagc	cagtcgtggt	ggcgggtgcc	tgtaatccca	gctactcagg	aggctgaggc	257820
aggagaatta	cttgaaactcg	gaaggcagag	gttgacgtga	gctgagatcg	cggtactgcg	257880
ctccagactg	ggcggcaaca	gcaaaactgt	ctccaaaaaa	aaaaaaaaaa	aaaaatcagg	257940
tattctgccc	acctcagcct	tccaaagtgc	tgggattaca	ggcgtgagcc	accgtgccc	258000
gcaatatcat	gaagactttc	atcttctctt	tttttttttt	tttttttttt	tttttttttt	258060
agacagagtc	tcgctctgtc	gcccagcctg	gagtgacgtg	gcacaatctc	cactcactgc	258120
aaectccacc	tcccagggtc	aagggattct	cctgcctcag	cctcctgagt	agctgggatt	258180
acagggtgct	gccaacacgc	caggctaatt	gttttgtatt	tttagtagag	acgagatctc	258240
atcatgttgg	ccaggctggt	ttcgaaactc	tgacctcaag	tgatctgccc	acctaggcct	258300
cccaaagtgc	taggattaca	ggcatgagcc	actgcacctg	gccaagactt	tcatcttcta	258360
atctgactgg	ttatcacgca	tcttgagtgg	tgtaacagca	gttagcaggt	aactaaaagg	258420
ttccgtaatg	tagaatctga	tccgtcaatc	atagaaaatt	aaagctggaa	agaacctgag	258480
attatgtgta	aaacaagtga	actggtcatt	atgaagaaaa	tgatgccaaag	atgagactac	258540
tactcttctc	agttcccac	tggcaacatg	tgttttctgg	cttttaatat	gagaggtgtt	258600
atatccaagg	caaaatcaac	aaatgttgat	ttttatacat	aaggcaatac	aaacctaaaa	258660
acaattcact	taagttgttt	ggttttttaag	taatcgttgc	cttataggat	ttctatgaat	258720



ttggttcata	ttttaattag	aaggcatgaa	tgcagaat	ataattaaaa	tgtttacctt	258780
taaactttag	aaatttaatt	tcaaaaataa	ctgaaggaga	aatataaata	tacggttact	258840
acaactaaga	atgtcattct	tatgccagta	attcttttcc	catactacta	attatcttat	258900
aaggttctaa	cagaacttta	gaaactagaa	ttttaggaaa	atgtttatat	aaaggcactt	258960
gataattatc	ctggcttagt	aatgctttca	ttcctttacc	aaactttata	atgttcttat	259020
tttaactaag	atgacacaaa	aactggttta	aaaattttca	tgaagttaaa	tccatcaact	259080
tggccaggcg	cagtggctca	cgtctgtaat	cctagcgctt	tgggaggccg	aggcaggcgg	259140
atcacgaggt	caggagatcg	agaccatcct	ggctaacatg	gtgaaacccc	atctctacta	259200
aaaatacaaa	aaaaattagc	cgggcgtggg	ggcgggcgcc	tgtagtgcga	gctactccgg	259260
aggctgaggc	aggagaatgg	agtgaacccg	ggaggtggag	cttgcagtga	gccgcgacgc	259320
accactgcac	tccagcctgg	gcaacagagc	gagactgtct	caaaaaaaaa	aaaaaaaaaa	259380
aaaaaaaaat	ccatcaactc	aagaggaggt	actccaaaga	gttaatttcc	gagacaatga	259440
atgataccgc	agtctgggat	tccaaagtct	tgattttaaa	acgtatgtgg	tggccgggtg	259500
cagtggctca	ggcctgtagt	cccagcactt	tgggaggccg	aggcaggtgg	atcacctgag	259560
gtcaggaggt	caagaccagc	ctggccaaca	tggtgaaact	ccatctctac	aaaatacaaa	259620
acattagcag	ggtgtggtgg	cggatgcctg	taacccgagc	tacttgagag	gctgaggcag	259680
gaaaatcgct	tgaacctggg	aggcagagat	tgtagtgaga	ggagatcaca	ctactgcact	259740
ccagcctggg	caacaagagc	aaaactctgt	ctcaaaaaaa	cagtctgtca	ttagaattaa	259800
atttttctgt	tgagtaacca	cagacatact	ttcactgctg	gaggaatgtc	atctaaaaag	259860
attagttcaa	ggtattactg	acttcaggat	acttaaattc	ttcaactgaa	aaccgttttt	259920
taaatgagaa	gaacttcaat	tttctgcaat	ttgacaatgt	tgtaattaa	gtagcatccg	259980
ctaccaggac	caccactcac	accagttaca	gtatgaacat	tttaactgac	agcaacttat	260040
tagaagataa	agatcatggc	attatggaaa	gaaaatggtc	tgtagtttgt	aaacaatcaa	260100
gttaggttct	aatttcagtt	ctgccacaaa	ctaggtatat	aactttgata	aacctgttac	260160
cttttctgaa	gcctctatca	acccaacac	agggctgtag	gaatgaaata	agaggtaaaa	260220
gtatttccatt	gttgaatagt	gcttagaaa	tgagttggca	gaaaaagtca	ctgaacttga	260280
agggatatca	aaagaattat	ccaatttgaa	gaagagaaag	gaagaagact	gaagaaaaat	260340
ggttagaacc	ttaatgactt	ataaacatat	caaatggctg	gctgggcctg	gtggctcaca	260400
cctgtaatcc	cagcactttg	ggaggctggg	gcagatggat	cacctgaggt	caggagtcca	260460
agaccagcct	ggccaacatg	gcaaaacccc	atctctacta	aaaatacaaa	aaaaattagc	260520
caggtgtggt	ggcaagcacc	tgtaatccca	gctactcagg	agctgaggca	ggagaattgc	260580
ttgaacccag	gaggcggagg	ttgcagttag	ccaaaagagc	accactgcac	tccagcctgg	260640
ggtacaagaa	cgaaactcca	cctcaaaaaca	aaagaaaatc	aatggccta	gcaagtatga	260700
ttggagtccc	agaggaagga	gaattaaatt	gaagcagaga	tgcagaaaaa	gtacttgaag	260760
aatggccaaa	actttccata	tttgatgaaa	acacaaaatt	acaaatccaa	gaagctcaaa	260820
gaataccatg	caggataaat	acaaagaaaa	ctagacctaa	atacatagtc	aaactatttt	260880
aaaccaaacy	taaaaagaaa	atctttaaag	tatccacaag	aaaaaaagac	cacacatact	260940
gagaacaaga	ttaaaaatca	actcttcaaa	aaaaaaaagg	ggaggaggtt	acaacaccac	261000
agaacaactt	taaagtgctg	aaataaaaaa	atcaacaacc	cagaattttc	tatccagtga	261060
accaaaccct	caaaaatagg	gtgaaataaa	gacattttca	gataaataaa	agttgagaca	261120
atcagtgata	aacaattctg	gaaatgaaat	tatatccttc	aggccaaaga	gaaaggggca	261180
tcagatgaaa	atgcacatct	ataaagatga	atgaagagta	ccagaaatgt	cttactgtca	261240
aatgggtgat	ggcttctgct	actctccgat	gcttcccttg	aggactcata	tgtatataatt	261300
tgtcttcaaa	ggacagttga	agattctcat	gcaaaaagact	gtacaaaagta	ccttttaaate	261360
ttgataat	atgaaatact	ctgggcaatg	aactactgag	ctaacatttt	taaattttaa	261420
aactatacta	aaggccaaaa	tgtctaggta	tcttaaaccat	ctaagcagac	aacttaaaag	261480
tgactacaga	ataagcctaa	gagaaacaga	attaactgca	taggactaaa	tgaactagtg	261540
gcagaaat	aaccagttgt	ttcagactat	ggttttttct	tttgtttttt	cttttgtctt	261600
ttgttttttg	tcttgagaca	caatcttact	ctgtttccca	ggctggaatg	caatgggtgcg	261660
atctcggtc	actgcagcct	ctgccccctg	gggttcaagt	gattcttatg	cctcagcctc	261720
ccgagtagct	gggattacag	gcacccatca	ccacccccag	ctaattttta	cgttttttagt	261780



agagagaggt	ttcaccacgt	tggtcaggct	ggtcttgaac	tcctgacctc	aggtgatcaa	261840
cctgcctcag	cctcccaaaag	tgetgggact	acaggatga	gccaccatgc	ccagccgttt	261900
tttgttttgt	tttgaggcag	ggtcttggtc	tcttgcccag	gatgggggtgc	gatgggtgca	261960
tcacggctca	ctgaggcatc	agcctcccag	cgtcaagcga	tcctcctacc	tcagcctccc	262020
cagcagctgg	gaccacaggc	atgtgacaca	caatgccag	ttaatgtttt	tattttttat	262080
ttttgtagag	acgggggtctt	accatattgc	ccaggctggt	gttatttttt	aatattctgt	262140
tttctgatgg	ctatatgagg	aagccctttt	cctttcttct	tcatctacct	ctagctcaca	262200
atttaatat	ttatgctttt	gtaggaaaaat	ttttaaatgg	catttgagag	cgggtggcgca	262260
tgctgttagt	cccagctact	caggaggctg	aggcaggact	gcttgagtcc	aggaattcaa	262320
gattgcaatg	agccacaatc	ataccactgc	actccaggta	ggtcaagaga	gtgagacccc	262380
acctcaaaat	aaagtaaaaa	ctaagtctat	tttttcatgt	taataacgtt	atttgcatag	262440
gcttaaatcaa	attccgtcaa	gacaaaggta	aataaaattt	accaggataa	ctggacaaat	262500
cattgtacaa	tctaggctcat	atactatttc	ttataattaa	gaacaatata	atgatataat	262560
gtcatataat	tataatataa	tcgtatgaca	agtcaccac	tataacaaag	atagtagggc	262620
aggacacagt	ggctcacacc	tgtaatccca	gcaccaacac	ttggggaaac	caatgcaggg	262680
ggattatttg	agcccaggag	ttcaagacta	gcctaggcaa	tatagtata	cctcacttcc	262740
acaaaacatt	ttaaaataaac	atcttataaa	ttaaaaaatt	tttttaaaaa	gaaaacaaag	262800
attttacatt	atacaagaag	tcaatgttta	tgggctggt	acctgttctt	ggtttacagg	262860
gactagcttc	acagatggaa	ggtcacttag	tggcagccaa	tgactcagta	aatttaggga	262920
acctgaacaa	gagatgactt	catccaaatt	tataagtatt	ccaagtgaag	tctggtggag	262980
agggattattg	atttgtttcc	tagtttcagg	ataaaaagac	aaataaaaaga	gacttttaaa	263040
gttcaagtca	gccagggtgca	gtggctcatg	cctataatcc	cagaactttg	ggagggtcaag	263100
gaggggtgat	cacctgagtc	aggagctcga	gatcaacctg	gacaacatgg	caaaaccccg	263160
tcactactta	aaaaaaaaaa	attagctggg	cttagtagtg	ggcacctgta	atcccagcta	263220
ctcaggaggc	tggggcagga	gaatcacttg	aaccaggagg	gcagagggtg	cagttagctg	263280
aggggtgcgc	actgcacgtc	agcctgagtg	acagagcgag	actctatctc	aaaaaaataa	263340
ataaagtcct	ataatcagac	aatgtatatg	ggcatgagga	tggcactgaa	tagaggccag	263400
aaagagactt	tggcaaatat	aatcaattaa	tcaagttacc	aaagcaaacc	aagaaaaaag	263460
gaacatcttt	tctacaaata	gccctggaac	tggatatcta	taattttaatc	aaaagttggt	263520
cctctggccg	ggcacaaatg	cttacacctg	tagcttactc	ccaagcactt	tgggaagctg	263580
agggcggttg	atcacctgag	gtcaggagtt	tgaaaccagc	ctggtcaaca	tgggtgaaac	263640
ctgtctctac	taaaaaaaaa	tacaaaaatt	agacgggcat	gctgttgggc	atttgtagtc	263700
ccagatactt	gggaggctga	ggcaggagaa	tctcttgaac	ctgggaggca	gaggttgca	263760
tgagctgaga	ttgcaccact	gtactccagc	ctgagagaca	agagccaaat	tcagtcttta	263820
aaagaaaaaa	aagttgtatt	ttatatcttg	taaattttac	tacaatttaa	ataaatgaat	263880
gggaaagatc	tctttggcat	gatagggcat	tatttccagg	agatatcagt	taagtaggaa	263940
aaaaagcaaa	gtgcaagagt	atatatatga	cgctatcttt	tgtataaata	aataaataaa	264000
acatacagat	accatcaaaa	aaaagaaatg	ggaaggataa	gacagaaaac	atttaagttg	264060
gttacctaag	aaaactgaag	aaaaatggca	tggaaaggat	acaaaagcaa	tgtatgcctt	264120
ttgtataatt	ttgacttttg	aaagcatggt	attattctac	atattacaaa	aataaaaaatc	264180
agaatgggag	gcagcataag	caaacaagta	aataaaactta	attttgtttc	aatgaatac	264240
cctaactagt	ttatacagaa	agtaagggtg	gaagtaaaag	tgggggtggag	gtcgggctg	264300
gtggctcact	cctgtaatcc	cagcaccttg	ggaggcagag	gcgggcggat	cgcctgacct	264360
caggagttgg	agaccagctt	gggcaacgtg	gtgagaccct	gtctctatta	aagatacaaa	264420
aattagctgg	gcatggtggc	acgcacctgt	agttgcagct	actcaggagg	ctgaggcaga	264480
agaatcccat	gaaccagaa	ggcagagggt	gcagttagcc	aaggctgcac	cactgcactc	264540
cagcctgagc	aaccaagact	gcctcaaaaa	aaaaaaaaaa	aaaaaaaaaa	aagtgggggtg	264600
gagaaagggt	atggaggggt	aatccaagca	atttaaattt	taactgttta	ctctcggtct	264660
tgggtaaaat	tgggaggtgg	agaagaatta	tagacaaatg	ctccactcat	tttcagtttg	264720
tttattgcag	tgaatgaaa	aaaccaattc	tgaattatt	ttagatgtat	tagaggatta	264780
ggcaaatgag	taaattgtact	aaggttgaga	gtcaggattc	ccacataata	ataagggaca	264840

taaaaataaa	aatgaagta	caaagaaccc	tgtagacatg	gaataaagac	gtacatactg	264900
atataagctc	atgatttcta	aaatatgtat	atgtatgttt	caatgaacac	atgcgaagtc	264960
ggccctctgt	atcgtggatt	ctgcatccat	ggatcaaaaa	tactcaaaaa	ataaatTTaa	265020
aaaaacaata	cagcaataaa	atacaaatTA	aaaaatacag	tttaacaaca	acctacacag	265080
tatttacact	gtgtaggatt	cttataagta	atctagagat	gacttaaagc	atacaagaaa	265140
ttgaacatgg	gttatatgca	aatacaattg	ctacttttata	gtttaaagaa	cttaagcatc	265200
agcagatttt	ggtgcacaca	aagggtctta	gacccaatca	ccctcaggta	cgaagggatg	265260
actgtatgag	tatgtatatg	tacatgtatg	tgtataagca	tgcatattat	ttcctagctc	265320
tatccactaa	aaaggccaag	atgagaaaaa	agcccagaag	tagtgaggac	acctagcact	265380
cagagagatc	ttggtctcta	aaactttttat	tccccacaag	gacacagcgg	.cccacttaca	265440
ggagtttcac	tagccaaaact	tctaggacaa	tttgagcact	aaaataatta	agcagggtaa	265500
gtgaattgta	aaccattcaa	aaaataggaa	ttcatgaatc	catcaccaat	acatagggct	265560
attgattatg	gaatacagcc	aagatccgac	gggtaatggg	aaaggaatgc	tggaaagaaa	265620
aaaatgacca	ttttgcaatc	atcacaataa	aaagctggat	cagacaagag	tcaatggatg	265680
ctaaatctag	aagaaaaccgt	gaaaagaatc	agaatatctg	cattgtttcc	ccacaagctg	265740
cttattgctt	ggcaaaaagag	agggcaaaaa	aaccaaattg	tggagaaatc	tggcaacacc	265800
ttggccaagg	gatcaaaatt	tgcatacaca	taagggacag	acggacgtca	tatgactcca	265860
tctcagagta	tcacattgcg	gatgcagtat	tcctgccaa	aatccataac	atcttaatct	265920
aatcacaagg	aaattttcaga	ccaacataaa	atgaagaaca	tctccactga	acagagtaaa	265980
gggggttaggg	aagggttggtg	ttctcaaaaa	tgccaatgtc	ataagagata	aagacagggt	266040
gtgaaaatat	cccaggaaaa	aggaggccaa	agagaaataa	taactgaatg	cagaacctga	266100
ccccagactg	tagtctatac	aggaaacata	gaaaatgcta	caagagactt	tcttaggtca	266160
actgacaaaa	ctggaatatg	ggcgatagat	ttcatcgatg	tccattttatg	aagttattaa	266220
ctgtaccatg	gttatataag	agaatgaccc	tatctgtagg	aatacaacag	aagtattagg	266280
ggaaagaagc	ataacatatg	taactcaccc	tcaaattgggt	aaaaaaaaaa	attgtgtgtg	266340
tgtttacgtg	ggtagaaaaa	gagaaaagag	agtaggacag	cacaaataca	aataagcaag	266400
tgggtaagtc	tggataacgg	atatccagat	gttcttttata	ctatatTTTT	gtaacttttg	266460
taaatgtata	cttccaaata	aaaggatttt	aaaaaagaaa	aaattggccg	agcacagtgg	266520
ttcacacctg	taaccccagc	actttgggag	gccgaggcag	gtagatcacc	taagggtcagg	266580
agttcaagac	cagcctggcc	aacatggtga	aaccccgctc	ctactaaaaa	tacaaaatta	266640
gccgggcagg	gtggcgcggtg	cctgtaatcc	cagctactca	ggaggctgag	gcaggagaat	266700
cacttgaccc	tggaaagtga	ggttgcagtg	aaacaagatc	gcgccatttg	actccaagct	266760
gggtaacaaa	ctctgtctca	aaaaaaaaaa	aaaaaaaacct	gtggagatag	ttctctgccca	266820
tgttcagaag	aatgggtata	tatcacaatt	aactgaggga	ttttacaggg	aaattgcaag	266880
acctaaggct	ggtaacttgg	atagattctc	agataaagta	ccatttgaaa	tgtcagagaa	266940
gggagtttgt	actttttctt	tctgtaagcc	aaggaaaggt	agcacaaaaa	ttagagcaca	267000
acataagctt	ggctaaaagt	atacatttag	gaaaatctag	ctaaatttta	agtgagtggga	267060
caaggaagca	gtagagacaa	ggaaaaacac	cctcatgaaa	ttatgggggtc	ttggcctcgg	267120
aagctaaaaat	taggaacaga	aagtggaaca	aatacaggac	acatgaaaat	agaaagccag	267180
ataaagcctg	cttaccaaat	gaatcagagt	acggtgggat	tcaaagacaa	ctcagatttc	267240
aaacctagct	aaccaagaga	atgatgggat	tacaaaaaga	aatttagcta	agcaaagcat	267300
gattgttttc	tcggcaacta	gacagctttt	tctattctca	tttttcttat	tctgatgtaa	267360
tattaaaagt	taagaaaagg	ggccaggcgt	agtggctcac	gcctataatc	ccagcacttt	267420
aggccaaggc	aggcacgtca	cttgaggcca	ggagtttcag	cctggccaac	atgggtgaaat	267480
cccatctcta	ccaaaaatac	aaaacttagc	cggatgtggc	cgtgcacgcc	tgtaatccca	267540
gctacttggg	aggctgaggc	atgagaattg	cttgaatcca	ggaggcagaa	gctgcagtaa	267600
gccgagatca	caccactgca	ctccagcctg	ggtgacagag	ggagtctgtc	tcaaaaaaaaa	267660
aaaaaaaaaa	aaaaaaagtt	aagaaagggg	ttagatgaaa	tgttattttgc	cagcacaaagc	267720
aatctgggga	aatttgtctt	cacaaggtga	aacagcaaat	gtaagttagg	ctaattcaga	267780
tgtttgacta	aatgccatta	aaatattcac	acataaggag	ggggaatttc	ttctcttccc	267840
ccaaaattat	gtttgtattt	gtatgtatat	acatatatac	gaataccata	acctcttgta	267900

caacacattt	gaactgcatt	tgttctgtta	tacgcagatt	tttctctatt	tctgccatgc	267960
ctaagacagt	aggaccaaca	tttctctctc	tttctctctc	tcaagcctac	tcaacctcac	268020
gaaaagaatg	aagaccttta	tgatgatcca	cttaatgaat	aatatgtata	tttctctctc	268080
cttatgactt	tttttttttt	ttttgagatg	aagtctcact	ctgttgccca	ggctggagtg	268140
ctgtagcatg	atctcagctc	actacaacct	ccacctccaa	ggttcaagtg	attttctctc	268200
ctcagctttt	cgagtagctg	ggattacagg	cacacgccac	tatgcccggc	taatttttgt	268260
attttttagta	gagacggagc	ttcaccacat	tggccaggct	ggtctcaaac	tcctaacctc	268320
aggtgatcca	cccaccttgg	cctcccaaag	tgctgggatt	acaggcatgc	gccaccgcat	268380
ccggccatgt	ctttcctttt	taattattta	tttatttact	tattttctag	agacaagggt	268440
tcatactgtt	gcccatgctg	aagtgtagtg	gtgcagtcac	agctcactgc	agcttcaaac	268500
tcctgagatc	aagcaatctc	ccacctcagc	ctcccaagca	gctaggacta	caagcgcaca	268560
ccaccttgct	agctaatttt	ttgtgtgttt	tgtagaactg	ggggtgttac	tgtgttgttt	268620
aggctggtct	ccaactcctg	gcctcaagtg	atcctcccac	ctccaatccc	caaagtgcta	268680
ggatc						268685

<210> 23

<211> 260209

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(260209)

<223> n = A,T,C or G

<400> 23

gaattctgag	tttttgtcta	tctttatttt	ggccaaatta	tgtttctaag	taactttttc	60
aggctgatag	acattttttt	gagaccttgc	catatctctg	aattgtttct	gctgtcttat	120
acatgaatga	aaatttgaat	ctcttggtta	tttactgttt	attccaaata	ttttctaaat	180
ttgatgctat	tgctaaatga	aatgaaatth	cattttctgc	ttatattaga	tgtcagtgtg	240
tttattctga	aaaggcacat	tattaaatca	atttatgatt	tagtttttta	attgactttt	300
taacttttct	gaaagataat	tctatcatct	gaaaatacag	aagctccctt	ttaagaataa	360
ttcactttca	aaaagttgtt	cactatctca	aatattatta	gtccaaactg	acaacacata	420
agtaattgct	ctcagcatcc	aatggtagtg	agaagagagg	atgtcctttt	gctcaggtaa	480
ttaaaataag	ttaacattta	taatattagg	tttaaatgtg	tgtcatgcct	gcagaaacaa	540
agtcaaatgc	aaatgctagc	aataaatctt	gaaaggaata	caagatatata	ttagattaaag	600
ttaattatth	aggagcaaat	gccattgtct	taataaaatta	aacacatatt	atthtttagta	660
aattaaacac	tgataaacta	ctaagttcag	gaagaaggat	aaaaaagtaa	cagtaagcta	720
agtaactttc	caaaaatttg	ggtacattct	taacttgggt	tattaaagaa	atataattht	780
aagattctth	atcttccata	tcattgccaa	atgccaatgt	aatgtatgtt	tcccatattg	840
tttgggaatg	ttcagctctg	gtttagaaag	ctagcaaaac	aaatgggaaa	ataaatgtgt	900
taagaataga	cagttattga	gcaaacagct	tatgagacat	gagagaaaact	cataagatgt	960
attaattgta	gataataagt	aagcaagcag	cttgagagac	aaagacagaa	taccaagat	1020
ttactaaata	tatagtaagt	tagtagccac	taacacatgt	taaagataga	taaaataagt	1080
ggactatatg	atggagcaaa	caaaaatgat	acttacagaa	agagatggaa	agaccaagta	1140
ataaattata	gatcatgttg	cctgtagcct	gatggctatg	tcctctccaa	actggccacc	1200
cactggtaac	acctatcatg	gtctcattct	gtccctaact	gtgctttgct	caagaaatta	1260
aaaaacaaac	aaacaaaagc	caggactgat	cagcaggcca	attggcaagt	caccacaggg	1320
gctaggcata	tttatctgtg	tctcttgaat	acagcaagtc	agtgtgttga	caccagataa	1380
cttccacctg	ttggacctct	tcataatcac	accatcagct	gggaggacac	gtgagtcaaa	1440
aacaaaggat	cgctgggcac	ggtggctcac	gcctgtaatc	ctgacacttt	gtgaggctga	1500

ggcggggtgga	tcatctgagg	tcaggagttc	aagaccagcc	tggccaacat	ggtgaaaccc	1560
catctctact	aaaaatacaa	aaattagcca	ggtgtggtgg	tgactcctg	taatcccagc	1620
tactcaagag	gctgaggcag	gagaattgct	tgatcccagg	agttggagg	agcagtgggc	1680
caagatcatg	ccactgcact	ccagcctggg	caacagagca	agactccatc	tcaaaaaaaaa	1740
aaagaaagga	tcagaagtca	ggcagtgttg	tcctttcact	ctgcctacat	cctatcctaa	1800
gtgaatttac	ctctctcatc	tcttccccta	gcctctcact	acgtattttc	aagtgattta	1860
ataaaaccat	gtgatttgaa	cattttaatt	tggctctgta	gtgattctgt	tccatgactg	1920
ctgggagagt	ttgcatgggt	aatatatttg	ggagtagtgt	tgcaaaagg	taatttccca	1980
tgtgacagta	aaattaagaa	aaaatatatt	aatcactata	taaaaaggca	aagtctcaat	2040
tatgtttccat	aaaaaatcta	atcattcaat	ttacaagtta	aacaaattac	catagaaaat	2100
taatagtaaa	tgcttgagca	aaaataaatc	aagcaaacat	caatcaaaga	aagcatgttt	2160
gtaatgtgga	ttgataaact	taagtactag	caaattaact	ttaagagttc	agcaattctt	2220
aaatagaaag	cccataaata	aatccaccca	catacagtaa	agtgattttt	gacaaagatg	2280
ttaagagcac	acaatggaaa	aaggatcgtc	tcttcaataa	atggtcttga	gaaaactgga	2340
tatcaatatg	cagaagaatg	aaattggacc	cctatgacat	acgatatgca	aaaataactc	2400
agaatggata	aggcttaaag	ataagacctg	aattgtaaaa	ttgctcgaag	aaaacataag	2460
gaaaaatctg	atattttccc	ttgacattag	tctgagcaat	gatttttttg	gatatgacct	2520
caaaaaacaaa	gacaacaaaa	acaaaaataa	acaagtgagc	gcatgtcaaa	ctgatcttct	2580
gtagagcaaa	gggaacaatc	aacagagtga	aaagacaacc	tacgaaatag	gataatatat	2640
ttgcaaacca	tacatatata	aaaggggtta	atatcctaaa	catctaagaa	actcaaacaa	2700
ctcaattgta	agaaaaaac	ctgattaaaa	aataggcaaa	ggacttttat	agaactgcta	2760
ttataaaaaa	aaaaaaaaaa	gaaaagaaag	gtagcaagcg	ttggcaagga	tgtggaaagg	2820
ggaacactgg	caaactgttg	gtgggaatgt	aaattagaac	agccattatg	gaagacatat	2880
gaaatttctc	caaaaaatta	aaaatagaat	tacaatttaa	tccaacaatc	ccactactgg	2940
gtgtgtaccc	aaaggaactg	aaattagtat	gtcaaagaaa	tatctgcacc	tcctgtcaa	3000
ttgcagcatt	atggttgctc	ataaaaacca	agatacaggc	cgggcgcggt	ggctcacgcc	3060
tgtaatccca	gcactttggg	aggccgaggc	gggtggatca	tgaggtcagg	agatcgagac	3120
catcctggct	aacaaggtga	aaccctgtct	ctactaaaaa	tacaaaaaat	tagccgggcg	3180
cgggtggcggg	cgctgtagt	cccagctact	cgggaggctg	aggcaggaga	atggcgtgaa	3240
cccggaagc	ggagcttgca	gtgagccgag	attgcgccac	tgagtcctgc	agtacggcct	3300
gggcgacaga	gcgagactcc	gtctcaataa	aaaaaaaaaa	aaaaaaaaaa	aaaacaccaa	3360
gatacagaat	caacctaatg	gtccattgac	agatgaatga	acaaaaaatt	atgatccgta	3420
tatccatata	ttggcaatga	aatactatca	tatatatgta	atatgtataa	tagcacatat	3480
atattgcata	tatacacaca	cacacatata	tgcaatggaa	tattattcag	cctttaaaaa	3540
caaagaaatc	gtgttgtgga	tgaatctaga	ggacattttg	ctaagtgaaa	taagccaggc	3600
acagccacac	aaatagtgca	taacctcact	tgtatgtaga	acctaaataa	gtcaaactca	3660
gaagcagaga	gtggaatgat	ggttgccagg	agatggtggg	ggggtgggtg	gggggaaggg	3720
aagggaacaa	tagagggtag	ggaggataga	gcaatattgg	ttaaggggta	cgatgtttca	3780
gttagacagg	ataagcaaat	tcagatttat	tgattgtata	acatgatgac	tgtagttaat	3840
aattttattgt	atacttgaaa	ctcgataaga	gggtagatct	aaaatattct	cagcacaaat	3900
aaatgttaag	tacgtgaggt	gatggatatg	ttaattagct	tcattttaacc	atttcacaat	3960
gtatacatat	attaaaacat	cacattatac	accataaata	catacaattt	ttgtcaacta	4020
tcttaacaaa	aaataaaatt	ttaaataaat	gcatttttta	aaaataattt	taagagttca	4080
gcagttctta	aatccaccat	catgtgttcc	aaatctgtga	gcaagaaagg	aatggatttg	4140
cattgaatgt	gtcaggaatc	acacacaatc	tgctatccat	cttactgaca	cagtggcctg	4200
tggtaaagcaa	ctcttcccag	tgaaagttaa	gcctgccttc	aaaataccat	gtctgtcatg	4260
ctggaaaaaat	acaaaagtca	gatgcaactg	aatgtttgagt	cagagaaaga	taagaaagga	4320
tcactgtcag	gaaacttaac	actataaatc	atctggaaaa	ataaatagat	aaataaatcc	4380
atgtgaaaaat	ttttacagac	aacaaaaaaa	aagaaaaaaa	ttttagaaac	aacaaaaaaa	4440
ggtatctttt	aagcaactaa	acaactaaag	taactaaact	aaaaaataac	aactgaaatg	4500
aaaagctagc	attaaaactt	ctgcaaagta	tgttgagtag	aacttttctt	tgtgcatcag	4560

aattggtggt	gatcacagtc	tcagttgaaa	ataaatgata	tgaagtactc	aaatTTTTat	4620
gatctaccac	agttggatcc	agacaagctc	acaaccattc	ccaccacctg	tattaagaag	4680
tggcagactc	tatcctacct	ctgtcaaate	tcaccactcc	ttcttaccct	gctcccacca	4740
gtcagtctaa	ggaaagaact	agcagaaaga	gaagggatcat	ttaggtgatc	agtctcatgg	4800
agttacagaa	tttatgaaat	gagatcttcc	ttcccaagag	aggtggggca	ctgaggggcaa	4860
tcactggaac	agactgaaga	acctatgagt	tgggagactg	gcttctgttc	ccatcaggag	4920
gctcactaag	ccatagaaca	tgatcttttag	tctgtttctc	acctggacat	ttctagagac	4980
aagaggcttg	ctggacaact	caccaaagaa	gatagtgtctg	actacttget	ctcttggtctc	5040
tctgtgcctc	agaagatggc	ttctgtggct	ccatagaggt	acagatgatg	aagatggagc	5100
acatcagcag	aaacctgtag	cagcagatag	acctgacca	agctatagtg	aggcccgga	5160
gtcactagct	tgcacacagt	ggatgccccta	tatttcttaa	ataataagtg	aatgaccaa	5220
ccatcaaata	atTTTTaaaa	ttttctgaat	acagcttata	aatctatcca	tttcttattt	5280
ttattatact	aagaacactt	aacatgagat	ctaccctttt	aaagtgtcca	gtacattatt	5340
gtggactata	ggtttaagtg	actttttgat	acacctccaa	tgagtcttat	atttcaagat	5400
gcattttcaat	tttgtatata	tttcatgtct	cccttcatat	tttataattt	ccttgagagt	5460
aaggaccagg	ttcttttttt	ttttttcttt	tgagacatag	tctcgctctg	tcgccccagc	5520
tggactgcag	tagtgcgatc	tcagctcact	gcaagctccg	ccttcggggt	tcaccccat	5580
ctcctgcctc	agcctcccca	gtagctggga	ctacaggcac	ccgccaccat	gccccgataa	5640
ttttttgtag	ttttagtaga	gatgggggtt	caccgtgtta	gccaggatga	tcttgatctc	5700
ctgacctcgt	aatccgcccc	ccttggcctc	ccaaagtgtc	gggattacag	gtgtgagcca	5760
ccgcgccagg	ccaggaccag	gttcttactt	aacctattac	tatatcctgg	ataccatctc	5820
aagctagcgt	tttgagcaga	gatactgaag	aatgttcccta	aatgagtaaa	tagatgaata	5880
aatacctagt	gtatcaaagt	accaatacac	ttgcctgaat	caacttctgc	tacacactgg	5940
tcacacattc	caagattaat	acaattacta	cttttgatct	tatctgtaat	tttagtagaa	6000
aagtttagga	agaaaggcca	ctatttcccta	gcagcaataa	tgccccctcta	aaaccacct	6060
tggtoccata	tctccattaa	gaacctgtcc	cctctcccac	taccttgta	ctggcaattc	6120
tccaaaggg	tgtctacact	tggataaggt	agttacattt	actgtgattg	tgtgtgtgtg	6180
tgtgtgtgtg	tgagagagag	agagagagaa	agaggaagga	aggaaggaag	gaaggaagga	6240
aggaaggaag	gaaggaagga	aggaaggaaa	aacagttgag	gaggaattcg	gggaagagac	6300
caggtcatgc	attcattggg	atatgttgaa	tttaagatgc	ctctgagaca	tccaggtgaa	6360
attgctgagt	gagcaggtat	gtgggtcatgg	ggttggctta	ttctaggatg	tcctagaatc	6420
ctgcatccac	aaatgtgggc	ctatcactgc	ttccacccca	atttccacat	aatacacatc	6480
aaataaatgt	ttgctgagtc	agataaaattt	aacatttgtc	atattatctt	catttcttat	6540
atcacacgt	tttcttccct	ttatttttta	ctttctcctt	gtttctttcc	ttccttcttt	6600
tctcttgttc	tttcttccct	tctccaacat	atatttattt	gagtgcctat	tatctgccag	6660
agatcatact	gaacctcaag	aatataatgt	ttagcaatct	aggcaatata	atgcaggaca	6720
taggcattgga	caaaaatttc	atgacagaga	tgccaaaagc	aattgcaatg	aaatcaaaaa	6780
ttgacaaatc	agatctaatt	aaactaaaga	gcttctgtac	tgcaaaagaa	actatcaaca	6840
gagcaaacag	cctacagaac	aggagaaaaa	cgttgcaaac	tatgcatctg	acaaaggtct	6900
agtatccaaa	atctataagg	aacttaaaca	aatatacaag	aaaaaaacaa	ctctattaaa	6960
aactgggcaa	aggatataaa	cagacacttt	tcaaaaaaag	acatgcatgc	agacaacaat	7020
tatatgaaaa	aaatagctca	acatcactga	tcattagaga	aatgcaaatc	aaaaccacaa	7080
tgagattcca	tctcatgcca	gtcagaatgg	tgattattaa	aaagtcaaaa	aataacagat	7140
gctggtgagg	ttgtggagaa	aaagaaacat	ttatgcatctg	ttggtggaag	tgtaaattag	7200
ttcaaccatt	gtggaagaca	atgtggtgat	tccttaaaga	cctaaagaca	aaaatgccat	7260
ttgtcccagc	aatccatta	ctgggtatat	acccaaaaga	atacaactta	ttctattata	7320
acgacacata	cagggttatg	ttcattgcag	cattattcac	aagagctaag	aaatggaatc	7380
aacctaaatg	cccataaatg	atagactgga	taaagaaaat	gtggtacata	tacattatga	7440
aatactatgc	agccataaaa	agaatgagat	cgtgtccttt	tcagggacgt	ggatggagct	7500
ggaggccatt	atccttagca	aacaaacaca	ggaacagaaa	accaaatacc	acctgttctc	7560
acttttaagt	gggagctaaa	ttatgagaac	acatggacac	atagaggaga	acaactgaca	7620

aagcagccta	ctagaggatg	gagggtagga	ggagggagaa	gatcaggaaa	aataacatat	7680
gggtacaagg	cttaatacct	gggtcataaa	ataatctgca	caacaaaccc	ccatgatata	7740
agtttaccta	agtaacaaac	ccacacaggt	acccatgaac	ttaaaaatgt	ttttaaaaaa	7800
agaaaataat	gcttagcaca	aacgagtcac	ttccctctcc	tctgcaaact	tacaatacag	7860
ggtagagagt	gatgttattt	aaataaataa	ataaatgaat	aaaattaata	agaaacaatg	7920
ctgttaagtg	ctgtgaagca	aaagcacatg	atatgttaca	tgggagtggc	tgatgtagcc	7980
tcacctgggt	aacggataaa	gggaagcttc	tctaattgagg	tgggctgaga	gctgaaggat	8040
gcacagtggt	gaacttggag	tcaagggtcaa	gagcaagaat	aaggagggat	ctgtgcagag	8100
gacccgtggt	ggaaggagga	ccacatggca	ttcaaggctc	tgcaagggtc	ctgtggatgg	8160
tgatttagagg	atcgtggaga	aagtactata	aaatgagggt	tgcttgccat	ccattttttac	8220
ttaatttttt	agctttctct	tttcctgttc	ttgtgtatcc	ttttgtcttc	atcattatat	8280
tttatcttta	tttttcaata	gcttaaatat	tgaataacta	aagtaacatc	agcacatttc	8340
atcatcctcc	caagtcttgg	atgtaaaactc	tgaatcataa	tttgggaaac	atggaaaagt	8400
ggaaaagagt	tcaaggagat	tcatattctt	aaagagcgtg	aaaatgacat	tttaaaaaatt	8460
taaataattc	atactttgag	gaggaacaaac	ttaaaagtgt	ccagtaccta	ttgagtggga	8520
atacagagtg	aattattaaa	ggagaattaa	aatacctgtt	catacttgtc	tcttgatttg	8580
ccacccgctt	gtacgccatt	agctacagtc	gtttttttatc	attctgcaga	ttttaattgt	8640
tttgattaac	ggcacatatt	cttcaaattgc	agcacattaa	aaaaactata	aatgatgaa	8700
aaaagaattc	tgcaaatca	cctcaatata	ttatttatca	gacctgtaaa	tcaaatattt	8760
tacaccaagt	tgtctccagg	tatttcagag	ctggaattta	aaaaagcaaa	ggtagtgata	8820
aatatatcta	aattgacttt	acattttatca	tatataaaca	tgatatatat	ggacaatata	8880
gaactgggcc	ataatcccaa	aaggcacaaat	cccaaacatt	gaaatctcaa	aagatcaaaa	8940
tactgaaaat	acggccaggc	atggtagttc	atgtccgtaa	tcccagcagt	ttgggaggct	9000
gaggtgggca	gattgcttga	gcccaggagt	tcaagtcac	cctgaacaac	ataatgagac	9060
cttgtgtcta	caaaaaaatc	aaaaaaatta	gctgggcatg	gtggtgcatg	acttttagtcc	9120
cagctactca	ggaagggtgag	gtagcagaac	taattgagct	cgggaagtgt	aggctgcaat	9180
gagccgtgat	cacaccactg	cactccagcc	tgggtgacag	aatgagaccc	tgtctcaaaa	9240
aaaaaaaaaa	aaaaaaaaatcc	tgaaaatata	attctagaaa	aaataatttt	aaaacattct	9300
tttaaaaaa	tgtatttggc	tgggtgcagt	ggctcacgtc	tgtgatccca	gcactttggg	9360
aggccaaggc	gggtggacca	cctgagggtca	ggagttcaag	atcaacctgg	ccaacacggc	9420
aaaacctgtc	tctaccaaaa	atacaaaaaat	tagccagaca	tggtgcagac	acctgtaatc	9480
ccagctactc	gggtggctga	ggcaagagaa	tcaattgaac	cctggaggca	gatgttgacg	9540
tgagccgaga	ttgcaccaat	gcactctggc	ctgggcgaca	gagactctgt	ctcaaaaaaa	9600
aaaaaaatat	atatatatat	atgtgtgtgt	gtgtgtgtgt	gtgtatatat	atatatgtat	9660
gtgtgtgtat	atatatatat	attcacattt	ttaaatggga	atttatttga	aaaatgtatg	9720
aaagcataac	ggaacatttc	ataggccact	ttacacaata	aattaggcaa	taataactta	9780
cataattttt	taagcataaa	tactcagtat	actaacaaca	gtcacacagg	tacaacagtt	9840
atgagcagat	gaaccagatt	cagaaagaaa	tcagtcaaaa	agagaaacga	ataattgtgt	9900
gcacccagct	ttatatctgc	catcatctga	aatactatga	aggacagcct	aagtctttat	9960
gagatcagtc	aagtttggat	ggatcaccat	cacatgtgca	gtcacccaaa	aagccaagat	10020
ctcgagaaat	tttatttttc	acaaatgaag	atgttcaaaa	agaacatcat	tccattttatt	10080
gaggaagttt	caacattttt	acatacacgt	acaatgctta	cacacaaagt	caacattgtg	10140
ataatgcact	ttcgtgggtc	aaatttgtaa	aacctgcat	aaaacaaatt	agaagtcttt	10200
aaaagtcttt	acacaattta	taccctagta	ctggaaatga	tgtgaagatg	aaatacacag	10260
catagtgaat	taatactatg	tgtggatgga	tgaaactcat	atacaattga	gtaatttggc	10320
atgagagaat	tcttgtattt	ttcacctgca	ttttcacttt	ttctatgac	tttaaaacac	10380
tcaactgcact	tgaatttggg	gagtgtctac	aaattctgga	agtatatgct	gtccacttga	10440
aagtctgttt	attggctcat	ctcttgaat	tgagcaattt	tccgcttcca	ggcaccaata	10500
attattagct	tttaagcctt	atatttcacc	attaagtaac	ctcatgtgct	tgaattatca	10560
tagtcttttg	gtgaggaaat	tttacagatc	tcttccatca	tgtaacaagg	aatacagtta	10620
aaaaaaaaat	gcactctgtg	tcccagctac	ttggaaggct	gaggtgggag	gatcccttga	10680

gcccaggagt	ttgagcctgc	agtaagctat	gatcgcacca	ctacactcca	gcctgggtga	10740
catagcgaga	tcccgtctca	aaaaataaat	aaataataaa	caatgatatt	catcatcctc	10800
caataccaaa	tttttattag	tctccagaga	gactgttagg	gttctccaga	gagacagaat	10860
caataggata	tccatataga	tatatgagag	ggtgtcgtga	gcagtgcgaag	gtcaaacata	10920
atcacaaact	tgcacctttg	tgtcttttta	taagattaga	ctttcattga	tgttatttta	10980
attataaaaag	ccacacacca	tatggagttt	ccaaggaggc	gattttcttt	agtactctcc	11040
atttacttgg	tagccaaagt	tgtgcgcatg	tggactcaag	ccaccttact	agttagttaa	11100
taacataaac	catgcataaa	attataactta	atcaatataa	atgtttttaga	ttaaatattt	11160
cacatcaaac	aaaataacat	caagagaaaa	agggatagaa	aaaaatgggt	taatgaacaa	11220
gttcagggaa	agtgcgtag	acaaagagaa	tgtccaggcc	tagtctggat	agtctgttaa	11280
tgtcttgtaa	ggaagtgtct	ttgatatgga	cagagccttt	ggcagcagag	gatgggtgtt	11340
tattataaagt	gacagtaaga	tgggtgtctgt	taagacggcc	atltcaagct	gctggagtta	11400
tggccacaga	gtcctctggt	gaggactgat	agtaaagagt	atgtttgggt	atgtccttat	11460
ttggttggat	gtagccttta	ctgattaggc	aaaatatattg	atcctcattg	acaggacgtc	11520
ttttaaaatg	taagatggag	tcttttttcta	agatagaatt	acttatgtca	agcagattct	11580
ataaagaaga	gatttattag	ggaaattggc	tcacgtaatt	acagaccatc	tgtaatctgg	11640
agacctgga	agaaccaggg	aagcagacaa	tgggtgaacc	ctcagtctca	ggatgaagcc	11700
tcaggaccgg	aggcaccact	ggtgtgaagtc	ctggagtcca	aaggctgggtg	agcctgaagt	11760
tctgctgtcc	aagaaagtgg	aagaaaagtc	tgtcccagct	cccagagaca	gaccagtcca	11820
ctttttgtat	ttgttctttc	cagaccctta	accaactgga	tgggtgaccac	caccactgag	11880
ggcagatcct	ccccacctag	tccactcagg	catgcgcaact	gacctcctct	ggacacaccc	11940
aaaataatgc	tttcccagat	ttctaggtat	tctttcattc	agtcaagctg	atatctagaa	12000
ttaactccac	aaatctaccc	tttgtcaata	tggcactctt	taaaccttag	tacatttcca	12060
aataaaagaca	ataataaggt	cctagtttccc	ctaacaagat	gcaactatcc	caagtacaac	12120
caaaaaacaca	ctaataccctt	ccccaaaatt	tgacttccag	gattgcaaca	ttagggattt	12180
tatcttttagg	gatagtgatt	tacagaattt	tagacttaat	tttgatcaag	tgattttgat	12240
cttttgggat	tttcatcttt	tgatattttt	agcattcaag	attatggcat	tcaggattgt	12300
gtctttcagg	attatgggtg	gcaccaggac	aatataattt	gtggatagggt	gcttgcaaat	12360
accatactca	ggtattcatc	tttttaaaac	atltttaaat	tataaaaaaa	aagatataaa	12420
ttttaaaatt	tcttaactta	aaacttttta	aattttctta	aaatgtcatt	aaataatttt	12480
aatataaaaa	caaataaatt	gttcttttga	aatgtatagc	agaaatttca	aatatgtcat	12540
aacagttttt	gtcttttttt	gatgttgagt	atgtcaatta	gatttcagtc	tgatttttgt	12600
tgttgttact	gttgttgttg	tggagataga	gtcttactct	gtcaccacaga	gtgatgccat	12660
cacagttcac	tgtaacccaa	aactcctggg	cacgagcaat	cctcccgtct	caggttccag	12720
agtaactggg	actactggca	cacaccacca	tgcttggeta	ttttactttt	ttgcagagac	12780
aggggtctca	tttcattgcc	cagatggtct	caaaactcctg	gcttgaagca	atcttctcac	12840
cttggcttcc	caatctgctg	ggcttacagg	catgagctac	tgttcccaga	cccagtctac	12900
tttttaatat	atgttaagtc	actaaatttt	aagtaatatc	atattatggt	tgtggacaaa	12960
tcattttttc	atattttaaat	taaattaaat	taaatagcat	catgggtcac	ttgataaatg	13020
ggggaatttt	gaaatttact	tcactcttatg	aatattatca	aatgtttacat	taaataaaact	13080
ttataaatat	aattttaaca	atatgggtgat	attgttttat	ctaaacttat	ttataaatca	13140
cttcacaaaa	ataatgaagt	aattataaaa	atltttataaa	ggaggtctgt	gagattatgt	13200
actacttcca	aaggaattca	ttaatttaaaa	atgttgggaa	actgttctaa	tctacttgaa	13260
ctctatccca	aagagttcca	gtgtacacag	tggttataat	attaaaggaa	cagcacacct	13320
gctgggcgtc	taacactaac	ctcttggttt	cttaccacaa	ttctttttta	tcttctataa	13380
cattttacaa	ctaagtgtta	atacacacat	gcacatacac	ccacactcag	acaattgaag	13440
aaaataaatat	tcacagtcct	ccccattaaa	atgtatgtgc	acccaagtaa	gtaaaaaata	13500
cctcctggat	ttttttaaga	aataaggctt	ccagaaaatc	ttttaaaaact	taaaaccata	13560
gctatagaaa	tgatttgtgc	tgcaagtatt	taagcacaca	aggtcagcct	tgattggcag	13620
ttagaatttt	acatacctca	aaatgtgtat	gatttcaatt	aagttctaaa	tcacttttagg	13680
tgaaagtatg	caaagaaaat	tattttcctc	ctggagaata	acagggactt	aacttggctc	13740



cctgaggtct	atacaaagca	cttaatctct	tttcctcagt	ttctagctgg	gaattacatc	13800
tctacaacat	agagatggga	tgaccaaaata	atctaacatc	tataccaagc	tttgaagttt	13860
agtaaaacgg	atgtgctggt	tgggtagcag	tgctattgtt	ttcattgtgt	ttcattactt	13920
tcataaaccca	gggtttccat	tgatgaaagc	ctacaacaaa	gcattcatgg	tgtgtgtgtg	13980
tgtttcaaac	tgccacatta	gtgactggct	gtgtatacac	acaaaacatc	tatgtattca	14040
ttggtaaatt	agtatgaagt	gtttattatt	taataattta	aataaaaaatt	ttttcaacct	14100
ttccattctt	ttaaacttttc	ttcagagtca	ccagaattat	ttcactaata	cagatcagaa	14160
gtgctcttaa	agcacacacc	ctccattaga	tagcaacatt	tatttcacag	acctaatttt	14220
gacctaaaaa	ataaaaatttt	atagcctaca	aatgaataa	gtcatcgaga	agagctgata	14280
cttaaaaatat	gtacacatga	tgagatcaaa	gattgccaaa	tcaatgtgac	ttcttaaaaat	14340
cctggaaaaa	tgagagcaag	acatctcatt	gacatctatt	agaagtacct	tagtaaatata	14400
aaacattttt	atcttccccct	ttctttgtca	atcttctatt	gagtaatatata	aaggcttatg	14460
ttctcaactg	gagccaaaga	aacacctatt	accattgagg	tttagataat	ttttttacaa	14520
tttttcatag	gacctacaca	gagtccttat	ctgcaaaaaa	taagatgtga	atttttataaa	14580
atgcattttgc	cacacaaaata	aggattcatt	ttaaaacact	aatctattta	aagtgcacct	14640
actttttctt	tcttacatta	aatttattct	gaaagtgtta	aattaataat	aattaaaagt	14700
gttttagtta	gaaataacaa	ccatttatga	gaaatgacaa	taaaataata	cgaaggatgt	14760
tgaaagtagt	ctacatatcc	acagaaatgc	agtctcactg	atgtaatctt	attaggaaac	14820
tatacacatc	ttcaaatgat	atactgtgac	atagttttgt	agctattgct	ttatgtgtat	14880
tcattgttca	ttatatgcta	aatgtgaaa	catgaatgaa	tgaacagatg	aatggattgc	14940
ctcagagacc	atgtgatatt	tttaacatca	aaaatgggtga	taaatattta	ttcttcaaga	15000
ataagttcag	aaatgacaag	accattaaaa	gcaaactctg	atgaataata	aagctaataca	15060
ggatttggtg	aatggtagag	aaaaaagtgt	tcatttggtt	agcatctact	atgtgcttgc	15120
cacatagtaa	aactgctggt	ttccaatcct	ctttttctgc	ctaaaacccc	aaatttagtt	15180
tttttccccct	ttccccctgt	aactaaaaaca	aagcaaagtc	aacccccattc	ccagatccccg	15240
ggctagatcc	tcataaatct	aagccaatca	gtacacatgg	aattacccta	ggagctctta	15300
ttgggtgaga	agtgggcatg	tcattttggc	ccaattagac	tgacaaaaaa	gattttctatt	15360
ccctgatcag	gagatttttc	tcttctctc	tctgaacatg	aaaaaagagg	cctgtttttg	15420
cccgtttcta	gcagtctttg	acaggttggt	tttcctgaag	tcatgaggga	aatcagcctg	15480
agggttaaagg	aataaacaca	gctaattggca	gggtccagag	aatatcagag	aagcagagct	15540
ggagtcctca	tataacatgg	ctggtgcccc	ccaaatctct	gaacttcttg	atgtgaagaa	15600
taatactttt	cctatttttta	agctagtttg	agtagagttt	ttctttccct	tgaaaaaagc	15660
atcttaactg	aaagaataag	aacaataaca	ctaatacttt	gagaaattac	catttgccag	15720
atattgcagc	aaaaattaaa	attcctaatt	ctcaatatag	ctctgctcta	attttctatt	15780
aattgatgag	gaaaatgagt	ttaaagaaac	taagtgcctt	acctcaaaaa	tatatgtata	15840
tatattttac	caatttttaa	gtaattttaa	aaatatatta	atacagtttt	ttttaaatga	15900
ggtaccttat	tcacaatatc	ttgttatcag	tgagtgaatt	atgattagaa	tctgggatcc	15960
tctagcttta	aaactcgtgc	aaagtaactt	atgcactctc	acatttgatg	ttcaccacag	16020
ccctacaatg	tactatcatc	aacaccttag	aaataaagca	tcttggtgcaa	gttagtaatt	16080
aatttggtcg	ttaataatgg	aaaaccaact	acagtgggtt	aaccatacaa	atgtttattc	16140
ttacatataa	aaggaatttt	gtactacaca	attctgtgct	agtaagggtg	cttcacaaaa	16200
ttataactaa	ccaagctcct	tctatcatat	tattccatca	tcctaattcca	agggtactta	16260
cacacaaagt	ctcctcatgg	ttcataattg	ctgctgaagt	tccagtcatc	aagaccatac	16320
tccagtcagt	aaagcaaaag	atacttcttc	tagatgaatt	cactttctta	gtcacattgc	16380
ctcacttaac	tacaaggagg	gctggaaaat	ttgttatttt	atctgatgtc	ttgctgtttc	16440
aaataaaaatt	atgattctgt	aactaagaat	gaaaaataaa	atgaatattg	gtaagataga	16500
aatctttgcc	ttagcataag	aaccttaagg	aagtaataag	acttgcataa	ggttatacaa	16560
ctaggaaggg	tagtgactca	gtatgtgaac	tatggctgta	gaattccaaa	actcaagttc	16620
ctaattttta	tgctgcattt	cctccctaag	tagatgcatg	agttatacag	cataaagaaa	16680
tggcaccaca	tgataaaaaca	aaaattaaaa	atgatgttag	gtattcattt	gtgagttaaa	16740
aattagactc	attacttttag	agttataact	ttagtatgtg	taaaattttac	tgacataaaa	16800



taaatggtat	atagcaaagt	taatctaata	taatttaatg	acagcattat	cattgatatg	16860
ttggcttctg	tagataaaca	ggtatgccct	ttaagcacta	catttacaag	cttatcatca	16920
tatttttaaat	tgtcaattaa	tttagccctc	tgtagaatta	tgctattcac	cctatatcc	16980
taactcatag	agcagcatga	attagattct	ttattcaaat	gatgtataag	cattattaaa	17040
atgtatttct	gttgtgtctga	aggaaaggaa	aatgcatgtg	aggacagaat	taaaagagca	17100
gaatgcctag	attccagtc	cgacttcacc	cccagctcac	tctgtgatcc	taaatggagg	17160
caatttgggc	ctccatttct	gcattttttt	tttgaaagac	atctgagttt	cttttattat	17220
aaaattccca	aatcctcatg	ttcaatgaaa	gtaagatcta	taccttagct	tttggatagg	17280
aagaagtagg	caaagaccta	aagaggaaaa	aaaaataaaa	ttaaaaaata	aaatccctagg	17340
ctttctctgc	tcaaatatg	gtttaacaga	acctgtggaa	atagactgaa	atagactatt	17400
tgggctccct	gtgtgttctg	gtatacatca	ttaacctggc	atttctctga	atgcagaaga	17460
gaaaatggcc	ctctttgcaa	aactatgttt	cagagtctcg	aatttgatag	tcttattgat	17520
tgtaagtaga	atttatacaa	gttctatttta	ttatctcatc	tatgcctaaa	attgaaggaa	17580
ccaattccaa	ctggtaatca	aatactggga	attcataaaa	aacaaattag	gtagctctac	17640
attacaacta	atattgaaag	aagtccaata	catattgtta	aataaaataa	aattaagggtg	17700
cagaacagag	ggtatagtct	aaaggcattg	ccacaaaaaa	gtatatTTTT	aaaagtatat	17760
gttaactata	gtatatatta	aaagtaagta	tatattagct	gggcatgggtg	gctcacgcct	17820
gtaatcccg	cactttggga	tgctgaggca	ggcggatcac	gaggtcagga	gatcgagacc	17880
atcctagcca	acatggtgaa	accccggtgc	tactaaaaact	acaaaaatta	gctgggcgtg	17940
ttggcacgtg	cctgtaattc	cggtactca	ggaggctgag	gcaagagaat	cgcttgaacc	18000
aaggagtctg	aggttgcagt	gagccgagat	tgaccacag	cactcaaacc	tgaccacaga	18060
gcaagactcc	gtctcaaaaa	gaaaaaaaaa	aaaagtttat	attaaaaaat	aaaagtgtgt	18120
ggcctggcgt	ggtggctcac	acctgtaatc	ccagcacttt	gggaggccga	ggtgggccga	18180
tcatgaggtc	agcagatcga	gaccatcctg	gctaacacgg	tgaaacccta	tctctactaa	18240
aaaaatacaa	aaaattagcc	gagcgtgatg	gcgggcgcct	gtagtccag	ctactcggga	18300
agctgagact	ggagaatggc	atgaacctga	gaggcagagt	ttgcagtgg	ccgagatcgc	18360
gccactgcac	tccagcctgg	gagacagcaa	gactctgcct	caaaaaataa	taataataaa	18420
ataattttta	aaagtgtgtt	catgtaaata	cacacacaca	ctttgcaatg	tgtgcacata	18480
ttgtgtgtat	ctatatattt	ctgtttcatt	ttcggtttct	aaatctgcc	aatttccaat	18540
cttgtttagt	ttcttgaaca	taaacataga	tattttaaat	ttagtttctg	gtatctacat	18600
gatctatata	ccctctacat	gtgtgtatat	atatatatac	acacacttat	atataagcag	18660
catatgtaca	catatgtgtg	tatgtgtata	tgtatgtgta	tatatacaca	tacatacaca	18720
catacattgt	catataattt	gggaaagcct	aaagcaatta	tcttttcaaa	aagtgtttct	18780
catccttcta	gagtcagaca	ttttcaacac	atttcaactgt	tgcttctggc	tcttttctgt	18840
atttttcatt	gtttataatg	taaatatttta	aatattttct	tctgatctat	cttccagttc	18900
actaattctc	tattcagctt	tatgtaatct	cctgttaaata	ctattttatt	agttctttat	18960
ttcattttatt	gtattttttt	acttctaaaa	tttctgtttc	tttttcagtt	tctaaatctg	19020
ccaaatttcc	aatcttgttt	agtttcttca	acataaacat	agatattttta	aatttagttt	19080
ctggtatcta	tatgatctat	atccccctca	aatttgtttc	tgttatctgt	tcctttcccc	19140
tggcttctac	tcacatgata	atatctcctt	gtatgcctcc	cttttttttg	aatgctgaaa	19200
attattttata	aaaaattatg	gtgctaatat	taggctctag	agattgtaat	ctttgtcctg	19260
aaataattac	ttgcttcaga	cagacaggta	tgctagagtc	actagcaacc	acaaataacc	19320
tcaatccaat	caagaattag	gataatttta	agctgggtct	tctccctgga	agtgtctgatt	19380
gattctaaat	ttattgtcat	tcctagaatg	taatcattct	gaatcctact	ccaaagcttc	19440
agagagttac	catgttttct	tttccaacat	gaaaaagaaa	cacaaataga	tacattgggtc	19500
cagaggaaca	caaattggag	tgcaatttgg	actacaattt	gtgttcctct	ggcctatgta	19560
tctactgaag	cacactttca	gaattgatgg	cacctctagg	gattgaagtg	tctccaaatg	19620
ccaagtccaa	ttctatggca	tttttcttct	ccagggtctt	ggctgcacaa	tctctcacca	19680
tcttggtagc	tttccaatgc	cttaagagaa	ttttcaaaat	ttttccagct	tctgtagttg	19740
tttgagtggtg	gagggtttgt	ccaagctacc	tagcttgcaa	tttccagaga	cagaaatcct	19800
atatatgttt	tttaaaatac	atataaatat	ctgggaggat	atatgagaaa	gtatataaat	19860

gtgcttacct	cttaggagag	agagagaaat	ttgggtaagg	aaacttttca	cttttagcat	19920
acaacctttc	atatacagtt	agaattttctt	tttcttataa	gtatgcattg	cttttatttt	19980
aaaaatctag	tttataaaat	tattcaataa	aagtttataa	ataaaaaatag	taatcaaata	20040
acaataactt	tgtgacaatt	atttaatat	cactacatgg	aaggattatc	agaaagccta	20100
cctaaactac	aggttggaag	atatgtctgt	ctattaatct	gatttgcaat	ctacatcaca	20160
tagctaaaaa	atacacttct	ataaaggaag	agaacacatg	gaaaaaaata	agtcaaagaa	20220
ggcaaaaagg	aatcagcaat	atttagccat	tgtatttgag	atcttaaagt	ttattattta	20280
tgtgtcctgt	tatttgcaat	taataaacat	aattatcttc	aattgttaga	caatatatgt	20340
aataatatat	acagcgggtt	ctaataccta	aattaacatt	tttaaactag	aatatctgtt	20400
ttcagggcaa	aatataaagc	atagagactt	tccaaaatta	gtatgtgact	taaaagacat	20460
gcaaaagtgc	tccctataaa	tattaacttg	cttatgccac	aagtatgtac	tcaacactat	20520
ttgacagtgc	taatagaccc	aagcattcag	tcatttgcca	aagccaacaa	agactatggc	20580
ttaaatgggt	ctgaatgatt	ggaagaacca	ttgttctgca	gtttccctca	gttgtgatat	20640
ccgacccttg	tgcaataagt	cccacagaag	gaaaatattg	acaaaagaaa	aaaatagcaa	20700
cataaatttt	aaactcaagc	taatggcatt	ttcattgtga	gctacagggt	acatccctaat	20760
tcagtgaaac	tataactttg	caaatattca	ttgtctattg	acaagtttga	actagaaatt	20820
gatttcaaaa	tggaaaaaca	taggggcatg	tggaaagatgt	ctagttttaca	gtgatacata	20880
gaacatttac	aaaagatata	tgaactactc	atattttgct	tctgtgaact	gaacacttca	20940
tttatccttt	tcagctctat	gagtgaacaa	cttgttcctt	aggagaaaaa	aaaaagtaaa	21000
gctgaatggt	tttgaaaaat	ctttcagatc	tctactcata	tccagtttat	ttaagttaca	21060
taatcccatc	tcaataccct	gcaggccata	atcatcaagt	aaatcacatc	acgggcacct	21120
cctataaaaag	agaaaggaaa	gggatgtaag	gaaatgcaca	catgtatgtg	tctatgtgtg	21180
tatatctatg	tataccaaac	caaagaagaa	aatgtaatag	tcatgataac	acagttgata	21240
ctccacaatt	ttataaatcc	ccttctccac	ttgtcccatg	ttcctttatt	gtaagctata	21300
ttccttggtc	agaatcaatg	ttaattgaga	ttaccaggac	agtgcattgt	gtcagaagtt	21360
tggcaagcag	ggaaggcaag	tgcataatct	aaacaagtgt	tttttcccat	gaatataagt	21420
ccttcagaca	gaaggcatct	aatattattc	accttctgcc	agagtgtgat	gccctactaa	21480
ggaccagctt	tgatattttgc	tattgatatg	ttgtgcatta	ataaaaagca	gtagcttgat	21540
caactatggt	gatgataaaa	ttaggtttta	agccccatt	cttcccacca	tggccacgtt	21600
gttcatgagc	acattaagca	agctttgagg	tagctattac	ctaggctgac	aaacacctgc	21660
agagcaggtc	attttgtgca	ccagactgtt	gagaacctct	tctgcaagat	tttatgttga	21720
ttattaattt	ggaacacaaa	tatttgccca	ttttaagaag	actatcacac	tcctcttccc	21780
caaactttct	tttcatctgt	tccgactgtg	ttatcttoga	agtcacctagc	catttgacca	21840
aaccactgat	cattatctaa	gaatcagtgg	agcttcaata	caaaagcgaa	atctctttcc	21900
aggcaaatgg	ataagcagat	acaactgtcc	atgcccttta	cgtggaagat	tttgcttccct	21960
caataaactt	cagcagcagg	aaggggtgta	taaggccaca	gttagtctat	ttccaattag	22020
tgttggcaga	tcatgcatga	ctactcaact	ggccttagga	aacatcccat	taggaatgag	22080
tatagattga	agaaggctgt	gaaggagtag	acgcactggg	cattgtgaac	cacctgctct	22140
ttgaataaat	ttgtgctttc	agggcctgct	ctagtcaagt	gatgatggag	tcctgccatc	22200
aagctcaggt	aacggggggg	ttcacaatgg	cttttgcttc	taaatcaaaa	aatctttgca	22260
ttggtggaat	catgcaactc	tctatatctt	tcaataaacac	tgttttataca	aatatctaaa	22320
aattataagt	ggttgaattt	tgcacagctc	acatagcttt	gtctatcata	cagtcagaac	22380
ttagtattcc	actaaaaatc	gtagtctctt	accatttagt	ctatatctta	gtgtattagt	22440
cttatctgct	tttattcagc	tgtaacattc	actatccaat	atattattag	atttttaaaa	22500
cagttctcag	acgtagggtt	attttatttt	ctcattattt	atctacacag	tttattttct	22560
ataggtcata	tacttcaact	tttattataa	atttattttat	tcttattcca	gtattgcatt	22620
ctctctctta	tcatgttttt	tgttggtgct	gttctgtgag	atacttctca	gcatatgccca	22680
agtgttggtt	tgggtgttaa	taccacatt	gatttttgatt	ctattttttag	caatttggtc	22740
acttaataaa	cacttctaga	ttgtgtaaa	caacattttta	tctttcgcaa	catactttgt	22800
ggatctgacc	tcggttctta	ctaacactaa	atctaggagg	taaggtgggc	agagaaggtt	22860
ttctttctct	actttctctc	tttctttctt	tctttctttc	tttctctttc	ttctttcttt	22920

ctttcttctt	tctttctctt	tattttttaca	ttttttatat	taataggcta	cttttaaaaa	22980
cagtttttagg	tttatagaaa	aattgagcag	atagtataga	gttcccttat	tccactctcc	23040
cttacacagt	ctcctattat	taacacgttg	cattaatgtg	gtatgcttgt	tacaaacgat	23100
gaaccaatgt	aggtaggtta	ttctgacctt	aagtccgtaa	tttacttttt	ttttattttt	23160
ttattttttt	tactatttct	attgtttaag	ttccatggct	tttgacaaat	gtataatgtc	23220
atgtatccac	catacagaat	aatgctgcca	acctgaacct	cccctgggct	tcacctattc	23280
atccctctcc	ctccccacta	actctggcag	tcactgatct	ttttattggc	tctatagttt	23340
ttcctttttc	ataagtcata	tagttggaat	catacagtat	gcagtctttc	cataatgtct	23400
tctttcacct	gaaatatgca	tttaagattt	caccgtgtct	tttcatggct	tggtagccaa	23460
ctgatttttta	tagctgaata	atattccctt	gtatagggtg	accacagttt	atctatacat	23520
tcatctactg	agagacattt	tggttgcttc	cagtttgagg	caactattaa	taaacctgct	23580
ataaacatct	gtgtgcagggt	ttttatgtgg	atgtaagtgt	tcaactcatt	tgggggaaata	23640
cctaaaagtg	tgattggtag	atcatgtggg	aagacaaagt	taaacttagt	aaaaaataaa	23700
taaaaataaa	ggggccggga	gcagtggctc	acacctgtaa	tcacagcact	ttggaaggct	23760
gaggcgagcg	gatcatgagg	tcaagagact	gagaccatcc	tggccaacat	gggtgaaaccc	23820
tgtctctact	aaatatacaa	aaatttagctg	ggcatagtgg	cccacacctg	tagtcccagc	23880
tactcaggag	gctgaggcag	gagaattgct	tgaacccgag	agatggagggt	tgcatgtgagc	23940
cgagatcgtg	ccactgcact	ccagcctact	gacagagcta	gactctgttt	cacaaaaata	24000
aataaaaataa	aataaaaataa	aataaaaataa	aataaaaataa	aataaaaataa	aataaaaataa	24060
ttttaaaaac	tggcaaaactg	tcttccaaaa	ggttgaacaa	gtaatgaatg	agagtttctg	24120
ttgttccata	gcctcaacag	cctttgttgt	tgtcaatgct	ttggatttta	gccattctaa	24180
taggtatgta	tagtgggtatc	tcattcttgt	cttaacttgc	atttccctga	tgatatgatc	24240
ttcagcatct	tttttatgtt	tagttgccat	atcctctttt	gtaagggtgc	tgttcaaata	24300
ttatgccaat	ttcttaattg	actttttttt	tttcttattg	atgagtttta	atagttcttt	24360
gtgcattttg	aatacaagtt	cttttttttt	tttttttttt	ttttgagaca	gtcttactct	24420
gtcacgcagg	ctggagtgc	gtggcacaa	cttggctcac	tgcaacctct	gcctcccagg	24480
ttcaagcaat	tctctgcct	cagcctccca	agtagctggg	actacagaaa	cccgccactg	24540
cactggctaa	tttttttttt	tttttttttt	tttttggtat	agacagggtt	tcactgtgtt	24600
ggccaggctg	gtctcgaaat	ccggacttca	tgatcctccc	gcctcggcct	cccaaagtgc	24660
tgagattaca	ggtgtgagcc	accacgcctg	cgtgaataca	agttctttat	cagatatgtg	24720
ttgccaatat	tttccctcaa	tttgtgactg	gtctttccat	tctctgaaat	gtgcttgatt	24780
tttttttttt	tttttttagat	gaagttttgc	tcttgttgcc	cagggtgaag	tgcatgtggca	24840
caatctcggc	tcactgcaac	cttcgcctcc	caggttcaag	tgattctact	gcctcagcct	24900
cctgagtagc	tgggattaca	ggtgaacacc	cagctaattt	tttgtatttt	tagtagaggc	24960
aaggtttcat	catattgtcc	agtctggctc	caaactcctg	acctcagggtg	atccaccttc	25020
cttggcttcc	caaagtgc	ggattacagg	cacgagccac	tgcgcctggc	catgtccatt	25080
taatttttgt	tctgtcactt	gcaaatgaaa	gaattctggc	taatagatct	ttgtagactt	25140
tcattaatat	ataaaaataa	ttttaaaatt	gtatcggaac	ttgaccattg	aagatcatct	25200
gtcaatccaa	ggatatgtat	gttgcgtgtc	tttaattagt	agtctgttag	ataagacc	25260
caagggatta	gcctgagtaa	gctatcccta	accttctgaa	cctttcattc	aggcagattt	25320
agcaataaaa	aaaaagaaaa	aaaaaacttt	ataggaaata	tatactttac	aatacctgaa	25380
gaagcatctc	cattttcttt	tcacagttct	gtttcatttt	ggcaacttgt	gacgaagaac	25440
ctctaagcct	aaaaattata	aagaaaaaaa	tgggataatg	aaaataatta	atgatataaa	25500
tattaatatt	acttatagaa	tatttttttaa	ctccaacaaa	ttaacggctc	tcaattttcc	25560
atltgctttt	atgtttatca	aaatgcaaag	ggacaaagtt	gttgatatgc	catgttgtat	25620
aattgattta	tgtatagaag	taattcatga	tagtcaaaat	taaaatatta	tgcttgata	25680
tagcagtgc	cattagagta	aatcacgct	aggttataga	aacgtctttt	caatttacag	25740
tgtgaaggta	ttccaacaac	ataaaaatag	aatttaattg	aatttgggta	gaattatttc	25800
caacatatgt	atgagatgaa	ttcaagattg	ggagcagggg	gtgtaaaaca	aatgtttctt	25860
caaagatgtt	ttccttccag	tctaaatggg	ngcaacatta	aacctgccct	ctgcaaatgt	25920
tgccatctgg	tcctcaccag	aagagtcctg	gactatgtgg	cttccatcgg	tccaaggcag	25980

ggctggcctt	ctccccctca	cgctgatttt	ctggtttgag	gacccgtgct	ctgaggcgta	26040
taaactgcct	tacttccccct	attaagacgt	tgacatgaat	ccaaagcggg	atccttgcag	26100
tagtgaagaa	aggcttcaaa	attgaaatga	accacccttg	cagtttaatg	ctcttgtcat	26160
gtagggtttc	ttccttttct	tcctttcttc	tgctcttttt	tcctttctta	atTTTTTTTT	26220
taaataaaga	ctacaaacag	caggggatat	acagaccttg	caatcgctag	aaaatgaaat	26280
gtttccacag	cattgagatg	catttagtgc	taagacgaaa	atttagttcc	ttctattctt	26340
ttgtaaggag	aaagtcttct	ttgaaacaaa	aatgaaatag	aaataatttc	aggggtgatgg	26400
gacatcccca	gccttcagggt	catgctgctc	tctcatcatt	ttttagggtg	cttgggtgata	26460
aaagaaaagg	aaaaaaagag	aaaattccct	aatcagagtt	tcatcaactg	agtgatcaac	26520
aagagaaaat	ggccactttt	atattcatta	aagtaacttt	tcaaagagga	gagatttcag	26580
aatttagtgac	actgagtgca	tattgctaaa	tttattgttg	accgttactt	ggaaattttt	26640
gtttgatctt	tctttgcttt	cttctgtggg	gtagcttcat	tatatatata	tggttgcctc	26700
tttcttttaa	gttcactctg	acaatttagt	ttccttatgt	ttcgttggtc	tgggaatcac	26760
attcaaaaaga	aattaagggt	ttttttaatt	caaaaaaagc	aataaatctt	tcaacaaata	26820
acataaattt	ttaattaaaa	aataaaaaaca	gctacatgca	ttatatgtat	ataaaacatt	26880
tctttatttg	atctttctcc	aatgataaca	gtattataag	attgttacaa	acaattaaaa	26940
tagtgtaata	taaaaaggta	gaggtgcaga	aataattttg	tgtatactcc	ccacttcacc	27000
ccccatctac	caccatctca	ccccgctgag	ttaaccgatg	ttggccatct	ttgatataat	27060
cttttatgct	gctatgttta	catattcttt	ataccatata	tagagatttg	aaggtaatac	27120
tttaagtga	aaataatcat	atcatatggg	ttttttgcaa	attgtgttat	ttattttgaa	27180
aatatgtcat	agaagatttg	tatgatgaat	ttttttaact	ttttattaca	gaaaatttca	27240
aatatataca	aaagtaggaa	gacttgtaaa	attaaccccc	atgtacccat	caaccagctt	27300
aaacaatgat	caactaaaag	acaatatctt	ttgcatctta	ccctccctac	tcaattattg	27360
tgacacaaat	ttagatatca	tgccacatca	atcataaata	tttaagggtg	ncctattaat	27420
ngaaatgatg	aatatttttag	tacaaccata	atacttttta	acaatctaaa	aattaatagc	27480
cagccagtat	tcaaacgtcc	agttttctca	taaatgaagt	cttatgggtg	tacagaatgt	27540
ctcacaatat	ggattttttt	ggtcaggaat	aactcacagg	tggatttgta	tatatctcca	27600
gaatgcacat	gtctgctagt	ctcttttttt	gtgatattag	cagccattga	taatcattgc	27660
ctacttctat	taattttatta	gtggttgcaa	aattgtaata	gtctaattgat	acaacttttt	27720
cttgattcat	tgcttggaa	atttctataa	aaagaaaagg	cetttaatat	acaagtttct	27780
tactctgagg	aggagttcat	ataggaaaaga	gagaacaaat	gcttaaatat	ttccctttgc	27840
ttacctcttt	tcaaaataat	gaataagatt	tcttataccc	tccaaaaata	tccaatgatt	27900
tctaagtata	aatataaatt	tatggatgta	aacatatattg	gtatgtctca	atccagtggtg	27960
tttattacct	tttatgttgt	ttaaatgggtc	atatcttttg	ccacagactt	ttgagcccat	28020
ttttataccc	tctggatggc	tattttacct	tcttaaaaaa	agttatgcc	gcttttagcat	28080
ttgacaaaat	gcaacatcct	tacatgatta	agaaaaaaa	actgaacaaa	ttaggtataa	28140
aaagaatgca	cttcaagata	atgaagaaca	tatatgctga	acccatagct	aatattacac	28200
tcaatgggtga	aaagcagaaa	gttttttctc	taagaatagg	aacaagacaa	agattccac	28260
actcactgct	tctattgaat	atagtattgg	aagtcctagc	cagagcaatt	aggcaaagaa	28320
agaagaaaaga	gagagcataa	caattagaaa	gaagtaaaat	tttctctgct	tgcagttgat	28380
atggtcttat	atctagaaaa	tcctaaagat	ttcaccaaaa	aaaaaaccta	aaactgtcaa	28440
aactaataaa	caaatttaat	aaagttgtag	gatgagcttt	atttgtattg	atcaacaaaa	28500
tcaatacaca	aatcagttac	atttctatac	accaacaaca	aactatctga	aaaaataaat	28560
gaagaaaaca	aacagaaaac	caaacgccac	atgttctcac	tcataagtgg	gagctgaaca	28620
atgagaagac	aaggacacag	ggaggggaac	atcacacacc	ggggcctgtc	aggtgggtggg	28680
gggcaagggg	agagagagca	ttaggacaaa	tacctaatgc	atgcaggggt	taaaacctag	28740
atgatgggtt	gataggtgca	gcaaaccacc	atggcacatg	tatatccatg	taacaaacct	28800
gtacgtttag	cacatgtatc	ccagaactta	aaaaaaaaaa	aatgttgata	ggggtgaaac	28860
tcagagaaaa	aaaggaaggg	gagaatcatg	ggacccatcc	cagcaggggtg	ggaatcatta	28920
gattattatt	aggaaatgga	atgaggtaaa	tggaaattta	ttatgtaaaa	taaaggcctt	28980
aatacagtat	caaaggttga	gtggaccaaa	gagagccctt	gctgcttccc	cagtattaga	29040

gagacccaag	ccaattttct	atattttacc	cagattggag	aaattttttt	taaaaaatc	29100
agaaagcaaa	gttacaataa	ggaaaaaaa	aaaggacagg	ccaggcacgg	tggctcacgc	29160
cagtaatccc	agaactttgg	gaggccgagg	cgggcggatc	atgtgggtcag	gagtttagaga	29220
ccagcctggc	caacatagtg	aaacaccgtc	tctactaaaa	aaacaaaaat	tagccgggca	29280
tgggtgggtca	cgcttatagt	cccagctact	tgggaggctg	aggcaggaga	atcgcttgaa	29340
cctgggaggc	aaatgtttgt	gtgagcagag	attgcaccac	tgcactccaa	cctgaaaaac	29400
agagtggagc	ttcagcaaaa	agaaagaaaa	gaaaagaaaa	taaaagaaaa	gaaaagaaaa	29460
gaaaagaaaa	gaaaagaaaa	aaaaggaaa	gaaaggaaaa	gaaaagaaaa	aggataaaat	29520
acttagtaat	aaattaatca	aggaagtggg	gagtctgttc	actgaaaacc	acaaaatata	29580
aagaaaagaa	atttttaaag	acccagaaaa	atgaaaagat	atgccatggt	catgaattga	29640
aagaatcagt	attgttataa	tagacatact	ccctaaagcg	atctacacat	tcaatgcaat	29700
ctctatcaga	attccaatgt	tatttttttg	agaaacagag	aaaaaactcc	taaaattcat	29760
gtggaaccac	aaaagacccc	aaatagccaa	agcagtcttg	aacaaaatga	acaaagctga	29820
agacgttata	cttaatgatt	tcaaattata	gtagaaagct	atagtaataa	aaacaccatg	29880
gtactggcat	aaaaacagac	acatagacca	atggtacaga	attgagagcc	tgaaaataaa	29940
cccacacata	tacagtcaac	taatgtttga	caagggtgcc	cagaatacaa	aatgaagaaa	30000
agacaacctc	ttcaataaat	agtattggga	aaactagata	tccacatgca	aaataaaacc	30060
cggccattgt	gttatgccat	acacaaaaaa	tcaactcaaa	atggattaaa	ggcttcagtg	30120
taaggtgtga	caaaaataaa	acttctagaa	gaagacaggg	gaaaagttct	ttgattcatc	30180
ttagcaatgg	attttttagat	aagacactga	aagcacaaag	tacaaatgca	ggaataaaca	30240
agtgggatta	tatcaaacca	gacagctcct	gaatagcaaa	ggaaacaacc	aacagaatga	30300
aaagactcca	gcctgggcaa	catggcaaaa	ccctgtctct	actaaaaata	cacaaaatta	30360
gccaggcgtg	gtgcatgcct	gtagtcaggt	gcctgcctgt	agtctcagct	actggggagg	30420
ctgagggtgg	ataatcacct	gagtctagtg	tgtagtcca	ttttcacact	gctataaagt	30480
aataccaaag	actgggtaat	ttttataaag	taaagagatt	taattgactc	acagttccat	30540
atgctaggag	gcctcagaaa	acttacaatc	atggcagaag	gtgaagggaa	atcaagcacc	30600
ttcttcacaa	ggcaacagga	gagagagaaa	gagtgcattg	aaggggaaga	ccccacact	30660
tatcaaacia	acagctatca	tgagaattca	ctcactatca	tgcgtagagc	ataggagaaa	30720
ccatccccat	gatctgatca	cctcccacca	gtttcctccc	ttgacatggt	gggattatgg	30780
ggattacaat	ttgagatgag	atttgggtag	ggacacagag	ccaaacctta	tcactctggg	30840
agtcaagagt	gcggtgagct	gtgatcactc	cactctactc	cagcctagac	aacaggagtg	30900
agaccctgtc	ttttaaaaaa	agaaaaagaa	aaagaaaata	caacaggatg	gaagaaaata	30960
tttgcaaact	atacatctga	taaggggttc	atattcaaaa	tatataaaga	cctcaaacia	31020
tttcactgta	agaaaacaga	caacctgatt	aaaaaatggg	caaaggacct	aaaaagacat	31080
ttctcaaaag	gagacatgtg	aatgagcaac	agatatatga	acaggtactc	agtatcacta	31140
accatcagga	aaatgcaaac	caaaccataa	ggatatacca	tctcacacct	attagatgga	31200
ctaataattaa	caaaacanaa	gataataagc	tttaattgag	atatgagaga	aaggaaaccc	31260
tgatacactg	ctagtgggaa	tgtaaattgg	tacagccttt	aggaaacaaa	aacagtaagg	31320
aggttttctca	aaatatataa	aatagaacta	ccatatgatc	catcaacccc	acttctgggt	31380
atltatccag	aggaacttaa	atcaggatct	tgaagagata	cctgcattgc	cgtgtgtttt	31440
gcagcatgga	caggatatgc	aaacaacctc	aatttccact	ggtggacaaa	tggataaaga	31500
aaatgtggta	tacacataaa	atggaatatt	attcagcctt	taaaaagaag	gaaattgtcc	31560
agggtgcagt	gtcacacccc	gtaatcctag	cactttggga	ggccgagggt	ggtggatcac	31620
ctgagggtcag	gagttcaaga	ccagcctggc	caacatggcg	aaaccctgtt	tctactaaaa	31680
aatccaaaaa	aaaaaaaaaa	aaattagcta	ggcatagtgg	tgcattgcct	taatcccagc	31740
tactcgggag	gctgaggcag	gataatcgct	tgaacctgga	agggtggagg	tgcagtggag	31800
caagatcaca	ccattgcact	ccagcctgga	cagcaagagg	gaaagtctat	ctcaagataa	31860
aagaaaaaaa	aagagagaga	gagagaagga	aatcttgcca	tttgcaacag	catggatgga	31920
cctggaggac	attatgctaa	ctgaaataag	acaggcacag	aaagacagat	actaaatgtg	31980
tgatctcatt	tatatgtgga	gtccaaaata	gtcaaatcca	tagaagcaga	gagtagaatg	32040
gtggtttacca	gggactgaga	tgagggaaaa	ctggggagggt	gatggtcaaa	gggcacaaat	32100



ggatagattt	gctgaaagt	atctcagaaa	gttccacaaa	gggattttta	agacctgaaa	35220
gaggagacta	ggtagatttt	tattttactt	tgtacattct	caaggtaatt	cagtgaatg	35280
aatgttaaag	agtatatctt	tgtgcatgtc	actctactaa	aggctatagg	aaacatgaag	35340
atgaatgaag	ataaggtctt	tactgctggc	ccaaaatata	agagagtaaa	ataagcacta	35400
acgtaaaagt	tcagagagct	tcaggggagt	ggacacagac	agttgttcca	gagaagggat	35460
ctggagcttt	gggaaagtgc	agtttgagag	gtgggacgtg	attaagtgtc	tatctgttca	35520
ttgactttcca	gaagcagaat	acttgattta	tctgttcaact	cataattctt	tccttcattc	35580
aactgccata	tattaagtgc	ctactctgta	ccagatactg	gactgggtct	gagtatacaa	35640
ggtgtacttg	agcacaggca	aaggaagaca	tcacagagca	agtccaaaga	aaggagacaa	35700
gctggctggg	ctgggtgtaca	ggagggagtg	gaagggagga	caggaaggga	ggagaggaga	35760
gaggtggcaa	ggaaagatga	ctcataaaaa	tcaaagaagg	cagggatgac	tacccttcat	35820
gtttaatttt	tcccaacttc	ctctaactcc	taaattattg	cctgctttta	ggaaatttta	35880
aagcccttgg	aaaaaaatcc	gtaaaataaa	cctatgtaga	agtttagttg	ctcctctggg	35940
ttccttgggt	ggaatataac	ctgacagcct	gaatggtgct	gtcccttggg	gcccttccca	36000
ggtcccaagc	ctgtggaccc	ttatgtgata	tcaccact	accctgoccc	tccttctact	36060
ctctaagagc	agaaatggag	cagctcagtg	ttttggcgg	tcatattgtg	tgtagecgtg	36120
gtcggtagct	cattctttta	gtttcttttt	aagctgcttt	gttgaaatat	taactcatgt	36180
accatatgat	tcaaccattt	aaagtgaaaa	gcttttaagt	atactcacia	agttgtacaa	36240
ccatgaccac	aatcaattgt	agaacacttt	cattgcccc	aaaagaaacc	tcatacccat	36300
tggcagtagt	agtgtattct	ttttgtggcc	gagtgcatt	cccttgccca	gatagatcat	36360
atthgttcta	tccatccatt	tattgatgaa	catctgggtt	gcttcaacct	tttggctatt	36420
gtgaatagt	cttctatgga	catttggttt	caagtttccc	tggagacagg	aaacagattg	36480
gcagttgcc	gggacttgag	aaatgggcag	ggggagtgac	tgacttacta	agttcagggc	36540
ttccttttga	ggtgatgaca	aattttctga	aatataactt	tgggattgca	cagcatcgtg	36600
aacctactta	atgccactga	attgtgtact	ttaaaatagt	taaaatagta	aatgtcatgt	36660
tttgtgtatt	tgccataata	atgctccctt	tttcttctgt	cagaagtctc	atttcctttg	36720
ctcccactat	ctctcgcttg	cccgggcagc	ttcctcttct	ctgccttttag	taaggtcttt	36780
agtaaaggct	gtactctcag	cagcacttgt	gtgtcactta	aaactgtagg	gagaaagtgc	36840
ccaaaacaac	ttgttctaac	aggagagttt	aactgggtga	catattctgc	agaaaatccc	36900
cgtggacaat	tcagccattc	ccatctccat	gtctgaactt	ctttcttcat	tttgactgct	36960
gaaatctttc	acagcttcta	ttaaaattgc	ctcttaata	taaatagctg	caatctcatt	37020
ccaattcatt	ccatgatttc	aggctcctaa	catgcgcgcg	cgcgcacaca	cacacacaca	37080
cacacacaca	tatacacaca	cacacatata	cgcgcttag	agccccgcct	gctctccttt	37140
ctcttacttg	gagaagagaa	tattatctac	agggctctgt	gtgctacaag	gccacatat	37200
ctcttccttg	ggatgaacaa	agaggcagag	gcccagattg	caagattcct	aaggatgaga	37260
gatttctcac	atgtagccag	cagaggttga	aggaagaggt	ccaagttacc	ttggtaatca	37320
ggagctgaca	gtgcctcaga	gctggcactg	ggcttgggac	tcctcccacc	ccacctctat	37380
ctccagtttt	cttgagaaga	gtgacagtaa	aggtaatctg	ttatctccct	atttctcagt	37440
gtttgccttt	atctgctgac	tgggcaagac	ttcttttagt	tctgaagaag	ttttgtgggt	37500
gtttttctta	gccacagcag	gcaaggactg	tgcttaata	ttagaacaag	ctagtataaa	37560
gaattgcaga	agggctcttt	ggaacttaac	attaatgagt	agatagatga	ttcttaactg	37620
tctgctacac	tcatataggc	aaaatcatgt	gaactttatt	ttaatatcta	tggtaggatt	37680
ccaaacaaaa	ataaattctg	gccaggcacg	gtggctcaag	cctgtaagct	caacactttg	37740
ggaggccaag	gtgggaggat	tccgtaagtc	caggagttta	agaccagcct	gggcaacata	37800
gagagacccc	atctctatga	aaaaaaattt	aaaaattagc	cagatgtggg	ggcacacggc	37860
tgtagtccca	gctactcaga	aggctgaggt	gggaggatca	ctcgagcttg	ggaggtcaag	37920
gctgcagtga	gccacgattg	tgccactgca	ctctagcttg	ggtaacaaag	caaaaccttg	37980
tctcaaaaa	aaattggccg	ggcaagggtg	ctcacacctg	taatcccatc	actttgggag	38040
gccaaaggcag	gtggatcagg	aggtcaggag	atcgagatca	tcctggctaa	cacagtgaag	38100
ccccatctct	attaaaaata	caaaaaatta	gctgggcgtg	gtggcagggtg	cctgtagtcc	38160
cagctactcg	ggaggctgag	gcaggagaat	ggcatgaacc	cgggtggcgg	agcttgtagt	38220



gagccgagat	cgtgccactg	cactacagcc	tgggcaacag	agcgagactc	catctcaaaa	38280
aaaaaaaaaa	tctaaaacag	aaatctgagg	tgctagcatt	tgtgttttgt	gtgtctgcaa	38340
gagagagaaa	aggtgactat	tgcttataaa	tttacagatt	acttggggtt	tttttattag	38400
tagaaaat	tatctttaga	aatagacaat	aaagtatttt	gacattttta	athtagtgag	38460
ggccgggagc	agtgttcag	cctgtaatcc	cggcactttg	ggaggccaag	gagagaggat	38520
cacttgaggt	caggagtttg	agaccagcct	ggtcaacatg	gtgaaactcc	atctctgtta	38580
aaaatacaaa	aattagccag	acgtggcggc	gcgtgcctgt	aatcccagct	actcaggagg	38640
ctgaggtgag	aggatagcct	gagcctgaga	gacggagggt	gcagtgagcc	gagattatgc	38700
aactgcaatc	cagcctgggt	ggcagagcaa	gataactaac	taactaaata	aatacataca	38760
tacatacata	catacat	gtgaggagca	aatgtaagca	ctcagaatcc	tcaaagctga	38820
tttatttttta	tttatctcta	gggaaaacct	aagaacacat	gacatgaatt	tgactattca	38880
ccttaagttt	tacagtga	gtttcgattt	gcctcctatc	ctattacaaa	attcagatac	38940
tctctttgtt	ttgtctttat	ttcctaagaa	atgatttctt	ttgttcttaa	tggaagattc	39000
caaagatata	tctcctgact	caatgttggc	ttacagaccc	ttttagacaa	gcttggtttg	39060
tatcacagga	agttcttcag	attctcaact	agaagccaaa	tgagtcacca	ttttgtcttc	39120
tgcatctttc	aaatagaatt	tgtttttgaa	ataatagcct	tattgagata	taatccacat	39180
attgtataat	tcatcttttt	aaaatgtaca	atttaaaggt	atttagtata	ttcacacagt	39240
tgtgcaattg	tcatcacaat	caattctgga	attttggaat	atttcatcac	cttcaaaaga	39300
aacctcatac	ccattaagag	taactcccca	cctcccccct	cccagttgc	tggaaccac	39360
taatctcggt	tctgtctcca	tggtttgttc	tattctagat	agttttcata	aatagaatca	39420
caatatttgt	tcttttgtgt	ctgtcttctt	tcacttttca	caatattttc	aaggttcac	39480
catgtttag	catatatcat	cacttcattc	ccttctatgg	ccagtgaata	tggtattccc	39540
ttctatggcc	agtgaatgga	tataccacat	tttattttat	catacat	ttgatggaca	39600
tttgggtcat	ttccatcatt	tagttattat	gcaaagtgtc	actatgaaca	tatgtgtatg	39660
agttcttgtg	tggtatgtatg	ttttcagttc	tcttgtgttc	acataaacat	tttaacttaa	39720
tacagactag	acttgagcct	gaatgacttg	ggtgggtgtg	tccatgcctg	gaaaggaaga	39780
ggagagggaa	tcaaagaaga	gcgatatcag	taaggagaca	gaacttactt	cactaatttc	39840
ccaatttgca	aatccctcta	aaataacacc	acctgatatc	ataacattat	agaaccacaa	39900
ttttacatat	gaacaactga	gaaccagaa	aaggtaaata	acttgttcaa	caatttggtg	39960
aaaaccaact	gggccaaggg	ccaatggttc	ctatttctta	gtaaacttcc	ttttgcacca	40020
cctgcattgc	attagtacac	actgatatcc	aggtgggtgtc	taattagaaa	aatttaagtt	40080
gccaggatc	ctatttataa	aaaaaaagtt	gagaattggc	taggattttc	ttcaattcac	40140
caggaacaga	aatatctctg	ttaatcaaag	ctaactctta	tggtgggtctt	agtatgcact	40200
atgtactaag	cagtgttttg	cttaagctgc	catattttaat	tttgaaaagc	accccat	40260
acaaatgaag	gaaccagatt	taaaaaaaaa	aaaaaagaag	tcacgcagct	ttaatacatg	40320
atgaagtagc	aagttgaagc	cagaagcatc	agactctatg	agatttggtt	atgaagtatt	40380
ttgtctgtgt	gacagataca	gataaacata	ctctgtcctc	tgtctccttt	cttttgcct	40440
cccactgcca	ctgttggttt	cataggttat	gaggggtttg	tttttggttt	ttcttgagaa	40500
ggagtctcac	tctgtgcgcc	aggctggagt	gcagtggcac	aatctcggct	cactgcaacc	40560
tccgttctct	gggttcaagt	gattctcgtg	cctcagcctc	ctgagtagct	gggattacag	40620
atgccacca	ctatgccag	ctaatttttt	gtgttttttag	tagagatggg	atttcacat	40680
gttgccagg	ctggtctcaa	actcctgacc	tcatgattca	cccaccttg	cctcccaaag	40740
tgtctgggatt	ataggcatga	gccaccacgc	ctagccaca	ggttatgagt	tttttttttt	40800
tttttttttt	tgagacggag	tctcgtctctg	tcgccagggc	tggtatgcag	tggtggggtc	40860
tcggctcact	gcaagctccg	cctccgggt	tcacgccatt	ctcctgcctc	agcctcccaa	40920
gtagctggga	ctacaggcgc	ccgccactac	gcccggctaa	ttttttgtat	tttttagtaga	40980
gacgggggtt	caccgtttta	gcggggatgg	tctcgatctc	ctgacctcgt	gatccgccc	41040
cctcggcctc	ccaaagtgt	gggattacag	gcgtgagcca	ccgcgcccg	ccaggttatg	41100
agtttttaaac	aacctacaaa	tcggacattt	gtaaactggg	aatgtttatg	aattttataat	41160
tgtgctaagc	aaaaatatga	aatcattcca	tgtataaata	aaatcacata	tatcctccaa	41220
aattgtcgac	aaaaatgata	tgttcttcat	ctcaggccag	gatgacaaat	gctttttgaa	41280



cttaaagtca	aactccagtc	aattgttagt	ggctcctagg	gtactgtggt	gaaaatgatt	41340
ctaaagcctg	aatgttttta	aaaattatca	catcaaggcc	acacattgcc	ccactgtctg	41400
gtcccactga	cccacaagcc	accaccccac	agattggctc	ggctctggcc	tgagtcatat	41460
ctggttcccc	cagccttgct	gctataaaga	aagggttca	acagctctgg	ctgaaggctg	41520
ggctcaactt	catcaaagta	tcccagggat	cttcaaactt	gaaacaattc	tgtctgcaga	41580
atgttccaca	tgacttcctg	ctgactgggg	tatcttcgag	tacaaaactc	tccagactcc	41640
agaacgtctg	ttcccttttg	tgggtcaaattg	gacctttcaa	aggtttccca	aaccacttct	41700
catgaaccag	tgaatattca	aaagagagct	agaaatttga	agcctgtaca	aaaactttatc	41760
cctataacat	atgtgccata	atatacaaac	ttacaccttt	tcagtcccttc	acatctacct	41820
ctctgaatth	tcatgaatth	ctatttcaca	agggttaatta	tttttaggtac	actggcagca	41880
gcatacaagc	aaatatgtag	tatgaaaaca	attctcacia	taaagtggag	gcagcagaat	41940
ttgggttatgt	gtatgttctt	ttttaatgac	ttttttttcg	tagatatgac	cacttgctth	42000
ttcactthta	aaaataagat	tctgagacca	ggcgtgggtg	agctcacccc	tgtaatccca	42060
gcatttttggg	agaccggagg	gggggtatca	cttgagctcg	ggagttcgag	accagcctgg	42120
gcaatgtagc	aaaaccccat	ctctactaaa	acaaataaaa	ataaataact	tttttttgaa	42180
agttgagtg	ggtggtgcat	gcctatagtc	cctgtagtcc	tgactacttg	ggagactaag	42240
gcaggagaat	cccttgagcc	tgagagattg	gagctgcagt	gagctatgat	cgtgccactg	42300
cacaataata	ttaaaaaata	agatccctgg	ctgggcatag	caacctthta	cacctggagt	42360
agtagccact	ctggaggctg	aggcagggag	attgcttgag	cccagcctgg	gcaacatagt	42420
gagacagcat	ctctaaaaaa	aaacaaataa	taataataag	attttattga	tgccctattt	42480
gggtcatatt	atagttaaat	aaggagaggc	aacagaaaat	caagggttgg	aatgccctc	42540
actttactgt	gagaattggt	atattagata	agaattactt	aaatagttga	gtaacttcaa	42600
tcttgataag	agtgactaat	gtagaggaaa	attttttggg	catagcttgg	taaccaaagg	42660
agttcatgag	ctagtatagt	aattatattt	tccaaattca	aattggaaca	tacgacctca	42720
taataattth	taaaatgtat	aaattttattg	gtagaaaggt	acttggcata	gatattaaaa	42780
ttaaatagca	ttcaaggatg	ttttaaataa	atcaccttta	tagataaaat	atagaactac	42840
agtatatttg	ctgataaattc	tggaaaaatac	agtgtgtgtg	atttaaataa	caataaaaaa	42900
gaattttggg	ttgctggtct	ctgattttctc	caaagaaaag	cttttatagc	tttcagacc	42960
caacatcctt	cctgaaaattc	actcacctcc	ttctgcttct	gtctgaaatc	catataggag	43020
aggaaacaca	cattttctctc	cagattgagg	taatgttctt	aagagcagac	tgtcagtcag	43080
gttctgagag	ttcaattttct	agaggtacaa	ggaagccact	tccatatta	cctgtaattt	43140
tagggtcatt	cacatggaga	ttctgggctc	tcacctttt	gcttgctga	aatctacctt	43200
tctaattcatt	tgcttacctt	ccaggggctg	cttagtttca	gcttgagtat	tctctgggtg	43260
gtaggcaatc	tgctattttt	atgaggggtc	tggaaattct	tcaactggag	atgaattcct	43320
ccaaattcca	ggttcattgt	ccttgcttac	gacctttagc	cccagttgaa	gacattttcc	43380
gcagttttct	gcatttagct	tcaggaccct	ctgccaaagc	cagtgtctaca	aagtcttttt	43440
gacttgggca	tccttagtca	gctctatccc	tggattagtg	tttttctctt	tttctacaa	43500
taaacataga	aatgggagcc	agtatattag	ctcagtgaat	tctcaaggta	aacctactac	43560
gcttccctta	ttgcccatca	ataatccttt	cattttgtca	tgttttcttg	ccttttccata	43620
ccctgatagt	tatctgtact	taaaggttaa	atcgagcttt	tccactcctc	attttttccc	43680
cttctattct	ttgatcctac	attgaaatca	taatgctgga	cttgtgacgt	cactctcaat	43740
tgtttccaga	tggcttatca	gactgatcaa	aaagaagggtg	aagccaatat	gttagttaaa	43800
aagtagatct	tcaaacaggg	agatgggttca	gaaaaaaaaa	attgtgtaat	aataatgttg	43860
agaacacaaa	acaactatag	gtaaagtaaa	ttgccttttc	tctctgtcct	aaaataaaat	43920
ctttgatcaa	ttgttccagt	gtatgaaaat	ttgaactcta	aagagaccag	gcagctttct	43980
aaacccaaac	atcaaaagct	ttgcttccat	tagaaaaatt	taaacccatg	atactttgaa	44040
tggatttgaa	attctctaaa	atgagctcta	ataataacct	tcccaaacag	aaagaaaaag	44100
aacagtaggt	tatatggctt	cgtgctacca	ttttctctgg	aacattagtt	ttccaaagat	44160
gccatttttg	ctcgtaacca	ataaaagggtc	aaaggttacc	aaatgcaagc	ctagggaagc	44220
caggagacag	aacagctatt	acaatggagg	gggaaatcca	agctgtcagc	tctgaatgga	44280
tagaaattgc	atgtgtgaaa	ttgacaacca	gcaacagcat	ggtaccgtca	gaggggccag	44340

gaaattagact	cgaccgggat	ttctgtttac	tgtattagag	ctgcggtttt	gtagagtttt	44400
attttaagatt	cacagataca	aatcttcagg	tttttgacaa	ctttagtaat	gttcagtggc	44460
tgtttgaaaa	ataatctaaa	caaatataat	atcagaatga	gaatggtaga	actgatacag	44520
gaaaaaacat	aaataaaggg	aaaaaaatca	accatcatcc	aacctcccaa	gagtctctgt	44580
taacaaactg	ttgcatattg	ttcctcatac	acacattggt	atacaacatt	gaaaccaatt	44640
tgtatatata	actttgattt	ctgtttattt	agtattatgt	cacaaatatt	tttccatgtc	44700
atgaaaatgt	tttcataacc	attgtgttta	tagagcattc	tgtcacatga	atatacagac	44760
tttaatttac	ttaaccataa	tcaattcaac	tactaactct	ttcccccaat	tttttgtccc	44820
attccagtat	ttttcccact	gagcaactag	agtgatcttt	caaaaacttg	atcttgtcac	44880
tctccttttt	aaaaccattc	aataactttt	ctttctctta	gaaaatatta	ctgtccttag	44940
caggcccttt	ggagctttat	gtccttgcta	cttcgatgtg	gttatgtcct	tcgtatcacc	45000
tgggaatttg	ttagaaatat	agaacctcta	ctccctctct	gaactactga	atcagagtct	45060
gaattttttac	aagatcacag	gtgatttcta	cccaagacaa	ggactgagaa	ggtctgctct	45120
tcactcttca	tgctcctgtg	ttgccccac	cagcctcacc	agccttctca	atgcttttta	45180
ggatccagca	gagacctagc	ttcagtgctt	cactcaacca	cgcccttttc	ctccacaaag	45240
ccttgccaag	tgtatggact	aaatgtgtct	gttcctccaa	attcacatgt	tgaaaccta	45300
tccctcaatg	gaatggtatt	tggaaatgga	gcattttgga	gctaattagg	cttagattag	45360
gtcaagaggc	cagggtcctc	atgatggaat	tagtgccctg	tgagaagaga	caccaaaggg	45420
ttctctctct	ctctttctct	tccatgtgag	gacatagaga	taaggtagct	gtctacaagc	45480
caggaggaga	gtactctcac	cagaaccoga	ttatgctggt	cccctgatct	tccagcctct	45540
agaactgtta	gaaaataaat	ttctgttgtg	taagccacct	atgctaccag	attttgttat	45600
ggcagcccaa	gatgacaaat	acagcaggta	cgtactatgc	tctctgcctg	gaaaggctct	45660
ctcaggacta	gtcaccaagt	taacttccaa	ttatccttca	cagtcagttt	caaaaaggga	45720
agcgagactt	ctcccacttc	aggtcttcga	taaatacatg	ttacccaaa	accttgtatg	45780
caaagtgtga	gagtgggatg	tctcccactt	ccctttttga	gctgggctct	gaaggataag	45840
cccagtgggg	atatccagaa	tatataaaga	acttttgcaa	ttcagtaagc	gacccaattt	45900
aaaaatgggc	aaggacatga	atagacatgt	ctccaaagat	aaataaatgt	tctggaacta	45960
gatatgaaag	cacatgaaaa	gatgctcaat	gccattagct	atcaaggaaa	tgcaaatcca	46020
agccacaatg	acataccctc	tggaccctgc	aagatgccta	caattttaaaa	ataataactt	46080
tgggaggcca	aggcggggcag	atcatgaggt	caggagatcg	agaccatcct	ggctaacatg	46140
gtgaaaccct	gtctctacta	aaaatacaaa	aattagctgg	gcattgtggc	gggtgcctgt	46200
agtcccagct	actcggggagg	ctgaggcgagg	agaatggcgt	gaaccgggga	ggcggagctt	46260
gcagtgagct	gagatcggtc	ctttgcactc	cagcctgggc	aacagagcga	gactccacct	46320
caaataataa	taataataat	aataataata	ataataataa	taagcattca	tgaggatatg	46380
gagaaaactg	aaccctgata	cattgcttgt	gggaatataa	aatgatacag	ccatggtgga	46440
aaacagtctg	atggtttcttc	aacaagtcaa	agataaaaact	gttatatgac	ccaataattc	46500
ttctcctggg	taagtaccca	agggtaacat	atgccccac	aaaacctgta	cacaaatgtg	46560
tagaacaata	ttattttatta	tagtcagaag	gtagaaaaaa	atccaatgtc	catcaacaga	46620
cagatggata	aacaaaactgt	ggcatatcca	taggatggaa	tattattcag	tcataaacag	46680
aaatgaaata	ctaatacaca	ctacagtgtg	gatgaacctt	gaaacattat	cctaagtga	46740
gtaagccagg	cacaaatgac	cacatattcc	attccattta	catgaaatgt	ccagaacagg	46800
taaattcata	gacacagaaa	gcagattagt	gcttgccagg	gggtgtgggg	aggggagaat	46860
gggaagtaaa	atagcttttat	aggtttgggg	ttaccttttg	gggtgataaa	aatgttctgg	46920
aactagatag	tgaagatggg	tatacaacat	aatgaatgta	ctaaatgtca	atgaattata	46980
caatttttaa	tggctaaaa	gataaatttt	gttatgcata	tgtgtatact	acaattaaaa	47040
aaagaagaga	aggagaagca	gaagtataa	gaaagagaaa	cacacagaaa	caaagagata	47100
aagacaaa	aaaccaagata	aaaggggact	cttgggcggg	cacagtggct	catgcctgta	47160
atcccagcac	tttgggaggc	caaggcaggt	ggatcacttg	aggtcaggag	tttgagacca	47220
gcctggccaa	tatgatgaaa	ccccatttct	atctgggcat	ggtggcagat	gcctgtaatc	47280
ccagctactt	gggaggctgg	ggcaggagaa	tcgctggaac	ctgggaggca	gaggttgacg	47340
tgaactgaga	ttgtgccact	gcactccagc	ctgggcaaca	agagcaaaac	ttcaccagg	47400

aaatagaaga	gaagagaaga	gaagagaaga	gaagagaaga	gaagagaaga	gaagaagaga	47460
agagaagaga	agagaagaga	agagaagaga	agagaagaga	agagaagaga	agagaagaga	47520
agagaagaga	agagaagaga	agagaagaga	agcttatttta	ttgtgagaac	aaactaccca	47580
gatttttttt	tttttttttg	acaactctta	atacttgatt	atacaggcaa	tcagggtcttc	47640
taaaactttc	ccagactcct	ccatgccaaa	aagaagtgtc	tcttccaaac	tagtccctgg	47700
gcacggacct	actgtttata	ttcttcctcc	ccaagaagat	tccactttcc	acatgccgtc	47760
acccaatttg	tatgttttagt	tcacacttcg	ctgctgagct	tgagagatggg	aattcctaatt	47820
cttcttggtg	aattctactg	gaatacctca	ccatcaattc	ttacttaaca	tattcacaat	47880
tcctccccaa	aaacaatccc	catctaccac	tttactattg	tacctgtttc	accagttatc	47940
ttaattttaca	gaatctgaaa	cccaaggagt	atgagttagt	tttttaaagcc	acatagccag	48000
cttagtgcaa	tcccaactct	gaaagggttg	agtcatcttt	cactcacttc	cttcatccag	48060
gatctccctg	tagtcactaa	attgtgttga	tttttccttc	aaatgggtctt	tgtatccatc	48120
tgcacccttc	catccccact	gccaaccccc	ctgttcagggt	tttcaacacc	tcgcgcctca	48180
gtgcctgtga	cagctcctgg	caggcctcta	aatccatcct	gcacacagge	ctcggtagct	48240
tgcctgaaac	tacagcatgt	ttgcacagaa	aggatttggg	agatcatcaa	atctgttgca	48300
ctaaacagag	aaaatgccag	agccaacaca	aacctctaca	tgatgcctgg	gtccatgctg	48360
attccccaac	tactaagata	ggggaaaaga	aggaataaag	gatacatttc	aagatagta	48420
tgaccctca	cagactgtca	gcaggggccag	cctcaagctt	aaaggaccag	caaggagtac	48480
agttctatag	aatcacacaa	cagggtgccc	aaagacaact	caagagttgt	ggttttaaga	48540
gctctgcaag	tggtctgggtg	cgggtggctca	cacctgtaat	cccagcattt	ttagaggccg	48600
agatgggagg	attacctgag	cccaggagtt	caagaccagc	ctgggcaaca	tgatgaaacc	48660
ctgactctat	caaaaaaaaa	aaaaaatata	tacatatata	tatacacaca	cacacataca	48720
ggaatgcact	acagggtggtg	cactcctgta	gtccagctca	cttgggagcc	tgagggtggga	48780
ggattgcttg	agcctggaag	gtggagcttg	cagttagctca	agatcgtgcc	actgtactcc	48840
agcttgggtg	acagaacaag	accctgcctc	aaaagaaaaa	aaggaaaaag	agctctgcaa	48900
tctgggtgcc	atctgcaact	ctcccatcac	attgggtctg	caacatcaga	atgaagtaaa	48960
tataggaatt	gcctgaaagt	gaaggctccc	aggattactt	ctggggaatc	tggaagccac	49020
acttcaatag	tatgtggctg	cctagcggag	ggtccttaag	tgtagcagaa	gacattaaac	49080
tggaacctga	agtgttctaa	catcttcatt	ttacagatgg	gaaaaccaag	gccagatat	49140
ataaagtaac	tcaccagagg	tcactcaaac	aactggtagc	agcaaagaac	taagattacc	49200
tgcttcccaa	attagtgage	atttaccttt	ctattgtgct	ctatatcagt	ctctcataat	49260
tagggcagta	gtcccaatag	agtaacaatt	gaaaaatatc	aaagcagctc	tattatccac	49320
aatgtttctg	cttccacaaa	ctccactcct	gccaaccccc	ggggtgagat	aactgtcaca	49380
ggctccctcc	tttttgattt	tatgaccctc	agaaagcccc	tttgcagggtg	ggtattcatt	49440
gccatacaca	ctgaggagcc	caaaagtgtg	agaactgtc	tgccctcga	agagttcact	49500
gtcttgagga	gacaacagtg	tgacacagatt	ctgcctcatt	aaatacaata	atgggggtat	49560
gaataaaaac	agcagagaaa	agaaaggcac	acttgtctct	gtctatgagg	gtggagaata	49620
ttctcagaag	tggtatgtga	gcaggatttt	ccaggataaa	taggagttct	acagataggc	49680
aagaggaaa	tgtgtatgtt	ctggaaacac	gccagcatgt	taaacactgg	ccctcattcc	49740
cagctcctgg	aatcagccta	tctggggaac	agcgttctgt	gctctcatct	tgagctcctg	49800
cccaggaatg	ccaattcatt	cagtctgtac	taaaattctg	gtcctcttag	tctttaccca	49860
ccatttccag	gaaagtgtt	aaaatcaagg	cagcgagaag	aaagctgctg	gcttgacagc	49920
cgtcatatac	tagttaagca	aatgcacaca	cctcttccag	attctgcaat	ggttttctgt	49980
tctcttggca	tgaagttatt	ttttctctcc	agtcacatg	aacccccaa	tccaatccaa	50040
gcttgttacc	aaggctccat	ttcctccac	ctagctgagc	tctctagagc	atcatgactc	50100
ctggcctctt	gccaatccac	ttgaattctg	aactttctct	aattagtggg	cctcaaaactc	50160
taatctttct	ctccctcat	ctctttctct	gtctccctt	tccctgctta	cctcccatc	50220
ttgacacttt	tcatatgtcc	ttttccttag	ctgcgcatgg	ccttggtctg	caacaggccc	50280
aaactttaca	acaacaaata	gacccaaatt	tagccatttg	tagtatctac	aaattctatt	50340
acattcactg	accagagggt	actctgaaag	attcagaaaa	agatatttgt	tactgaactt	50400
aaacatgtgt	cctattttcta	gcccatgctc	cctgttgtgc	actagaaatt	attattttcta	50460

ataaatctta	taatcacagt	gtgagtggta	caattatatt	gcattacata	tttgttggtt	50520
acaagcatac	atthttcaaat	gtaaacacat	aatatatatt	acaaggaagt	attaggttat	50580
ggcagtctcc	tttttttttt	gagttttgag	acagtcttgc	tctgttgccc	agactggatt	50640
actgtggcat	aattatagcc	cattgcagcc	ttgaactcct	ggactcaagt	gacccctctca	50700
cctcagccct	ctgaataaacc	ggcgtcttga	tgacttagaa	agctcagcta	ggtagggagga	50760
gatgtagtct	tagttacagg	cttgatttgg	acttggcagt	tcatgatgat	tggagagaaa	50820
aaataatttc	atgccgggag	aacaggaaac	cattgtgatt	acaagagcaa	gccagcatga	50880
cctgctaact	tttttaactt	tttgcaaaga	ctaggtctca	ctatgttgcc	gaggctgggtc	50940
tcaaaccctt	ggcctcaage	aatcctcctg	tctcagtttc	gcaaaaactct	aggattatag	51000
gtgagccacg	gtacctggcc	ccattttttt	tttaatgtgc	cagaaaacttt	tccccaacct	51060
atcttcctcc	ctcatcacca	gcaggggtct	gcaaaaactg	gtccccagac	actaccgcag	51120
aggtgagaat	caaagaagaa	agctaagaga	gatgagaaaag	cacattaatt	ttcaggttat	51180
gtacgaagag	tttagaaaacc	gcctgaatat	ttataaattg	aaagtgcatt	aatttttcaag	51240
ggtatacagc	aagacttttg	gaactgactg	aatgtttata	aagtatatatt	ctaacatgaa	51300
cttttaggcta	atthtatatt	ttaaatcttg	catgaataat	atataagaca	cagagtgtcc	51360
tagtcacttt	ggattcctgg	tgtctagaaa	ctatgaaaac	cctttcccaa	tggcaggatg	51420
ttataaatgt	ggttatctct	gagacaagtg	tcagaagcct	gattgatatg	tcctgtaact	51480
aaattatgca	gtactaaata	tgtcacaaga	agtctcagag	tttgttccct	tgttagtgta	51540
taaggtcgat	tctaattggg	gatagctaaa	gattttatct	tcagtctttc	cactccctct	51600
cctgcctcgc	ccaccgtccc	taccctctac	cctcctttca	gtgcctcttc	catgctagct	51660
ccaataccct	catcatgagt	caggaatttc	ttctctgagg	aataacgggc	aagtatttct	51720
cattttttaa	actacaccta	ttaaaccagc	taaatcttca	tcagaaaaat	ctcagataat	51780
agatagaagt	caaccatgct	aagagttggc	tgtaagatc	agttttctgt	taagaacagg	51840
cctccaaatt	tctactttat	aactctcaga	tcataatcgaa	ttccaagggt	gttttttttt	51900
gtttgttttt	tgaaatggag	tctcactctg	ccatccaggc	tggagtgcag	tgggtgcaatg	51960
tcagctcact	gcaacctctc	cctcctgggt	tcaagtgatt	ctcatgcctc	agcctcccaa	52020
gtagctggga	ttacagggat	gcaccacat	gcttggtctaa	ttttgtattt	ttagtacaga	52080
tggggtttca	ctatgttggc	caggcaggtc	tcgaactcct	gacctcaaat	gattcagccg	52140
cctaggccct	ccaaagtgtc	gggttttacag	gcattggcca	ctgtaccacg	ccagaattcc	52200
aaggttttca	cagcgattct	cagggcttca	aattcagaga	cttaagagtg	tggatgagaa	52260
gaagcacctg	aacaatttca	aacaccaa	gtcccttcgt	taaagactgt	ctaagcagtc	52320
tttttctctc	tcccttagaa	ggttgggctt	ctattttgag	tttgatatta	tattgaattc	52380
atthtaatga	gattcaaaca	gcctgcatta	atataagacc	caatgtgttt	ttccacttaa	52440
ttctatattt	ctctcctgat	tgatttctctg	ccttgcagcc	atggctatct	gtgacaaagg	52500
gactctgact	ctttgagctt	agtatctgat	aattgtgatt	acataataca	ctaaagagta	52560
gctaaccgta	gcatttaagc	caataataaa	ataactgttt	gtccttctaa	agattttgct	52620
ttccaagatt	gcaaaaatata	aatacttgat	taatgtttct	gttgtaaaaag	atgatcagaa	52680
aatagggatt	tggagcgctc	ttcctttgtg	agctctccac	atgtgggata	tttggaaact	52740
tataccagca	gatgccctga	gagggctttt	ctctaaaaat	aaacgtctct	tgaattcaag	52800
tctactgatt	tatttgattt	taacttactt	tctccaaaaa	aaagacccta	cattttattca	52860
catggctctt	tctagaaaaa	atthcattca	gctggcacag	tggctcacac	ctgcaatcct	52920
agcacttttg	gagactgagg	tgggcggatc	acttgagggtc	agaagttaga	gaccagcctg	52980
gccaacacgg	caaaaaccct	tctctactaa	aaatacaaaa	tttaggctgg	cgtcgtggcg	53040
catgcctgta	gtcccagcta	cttgggagggt	tgaggcagga	gaatcgcttg	aacctggag	53100
gcggagggtg	cagtgaagcc	atagcaccac	tgactccag	cctgggcttg	agcaactttg	53160
tctctaaaca	aacaacaaaa	attatgattg	acttcatgct	taaatgctaa	agtatacttt	53220
cctaagtcca	ttgagatact	ttataaattg	tgtctcagat	atattttatt	ttggaaaagc	53280
atthttttta	aaatthttgtc	aataaaggag	actatgaaaa	atgaagtatt	tcccttagga	53340
aaataagcaa	cttaaatcca	tatcctacgt	gatattggca	gggcaataaa	agtggtaggt	53400
agagtaccat	atcaaaaattt	tttaacttat	ttcggaacaa	catttactta	aggggtctcc	53460
tctgtcgccc	aggctggagt	gcagtggcgc	catctaggcg	cacttgcaac	ctccacctcc	53520

cggtgtgcaag	tgattctcct	gcctcagcct	ccctagagct	gggattacag	gcacgccccaa	53580
ctaaatTTTT	tttgtatTTT	tagtagagac	gggttttcac	cgtgttggcc	agcgtgggtcc	53640
ccatcttctg	accttgtgat	ccacccatct	cggcctccct	aagtgttagg	attacaggcg	53700
tgagccaccg	cgcccagcaa	caaattcattt	aaaaaatatt	tctgagaaaa	aaaattaaag	53760
ctgtagatag	tgTTTTTTaa	aaatgctgta	accatttata	tttacccttt	ggctactggt	53820
TTTTgtttg	tttgttttgt	tttgtttttt	gagacggagt	ctcgatctgt	cgcccagagc	53880
ctcccggtt	cacaccattc	tcctgcctca	gcctcccag	tagctgggac	tacaggtgcc	53940
cgccaccacg	cccggcta	TTTTgtatt	tttagtagag	aaggggtttc	accgtgttag	54000
ccaggatggt	ctccatctcc	tgacctcgtg	atccgcccgc	cggggcctcc	gaaagtgtctg	54060
ggattacagg	cgtgagccac	caagcccgtc	cccttttggc	tactttttaa	tctaatttct	54120
aatcccataa	ttgagttcac	agtggtttaa	acagatatca	aacatatttt	aggtattaga	54180
actcatgata	ttgtcctgag	aaagtaatgg	aggccaactt	aaattccctt	gggattaatt	54240
aaaggagtca	gaaatgatta	agactgccat	gggatatttt	gccgtatttt	taaaaatcaa	54300
atacatgtag	ctagtagggc	ctgcaaaaaca	tgtagaggct	tagagaaatg	aaaggcaacc	54360
aaggcccaa	tgtagggatc	tcaagggtaa	gtaggtggac	tttcctgtct	cgatgctatg	54420
taatatcacc	taagcacctg	ctgggtccaa	gcattccagt	ttcactgggc	tgggtgtggtg	54480
cagaaaggag	accccgccca	ttgaatgcaa	gacacagata	gttataggaa	aattcttctt	54540
tagcgttcac	ttgtgtctct	catttcagag	caaaaacggg	gagttatttc	tacaatttgc	54600
agaaatctct	cccttttact	gtataatcat	gcaaataaca	tgaggacagt	taggctgtag	54660
taaagtaata	gagacttttg	atgatggttt	taccccttta	aaatttttat	aaacaggaat	54720
tagagggttt	aataaaggac	acattcatta	gtgagataaa	ctctgaagg	aggagttaa	54780
tttcaggctc	ggcttcttgc	cagatgtttg	accttaagta	acgcatttaa	tatttctaaa	54840
cctcagttct	cttgtctgta	aaatacagat	cctattaaga	ccttccttat	tggagtattg	54900
tgaatgttaa	tgaaattagc	tggggtaaat	acattaaaaa	gtctcattca	cagtgcacagt	54960
tccaaaatta	ttagctatta	ttattttttat	tatggtaaaa	atttggaaga	agaaacagtt	55020
atTTTggggg	gatatgcctg	ggaataaaga	gtcaagaaca	acaaacaata	tctttataat	55080
ccattaagag	ctatgccaat	gtttgcaagg	tttccttcag	caggagaaca	ttaatacact	55140
taaaaaataa	aatccaaaaa	gttctttttag	agaatagatg	tttttagatta	attctgtttg	55200
ttttcaaaat	aaataagaac	catggtaatg	aacctcaaag	gtgtattgtc	ttagagtttc	55260
tggctttaat	attgtaactg	atgacattaa	aggcaattaa	tccattaatt	aaaaatctgc	55320
atTTTatgcaa	aggagagggg	aaataaacta	cttcaactag	cttctgacat	atTTTacttt	55380
gaaatcaaag	cttttgTTaa	gtttaaactag	aaagagccgt	ttaacataag	aaagagttaa	55440
cactcgctta	gggtgtccct	ttttttttaag	tttgttgga	aataacttgac	aatctgtct	55500
gtaaaagcaa	ctgcaaaaat	attgtcactg	cccttttgac	agtctgaaaa	aatcatgggt	55560
gtcaaaataa	taagcaaaact	acatttttata	actatcaaga	gaaaaaatatc	agttttctac	55620
tttataaaagt	tgTTTTTTtag	catatcctag	tgtgtgatga	ctgactacca	tacagatagg	55680
ttgataatgt	caatacgtag	gatattcttc	taaaagaatc	taacacaatc	ccaccttcca	55740
tttagcttgc	agaaatacat	cggcctactg	agtaagcaac	caggcattgc	ggctgactta	55800
agaacatct	ttatgtccat	ggaaatgaac	atTTTtttaa	catctgtaag	ccctggtttc	55860
ttggtaaaga	cagtaatagt	agtaagtttg	agtggccagc	tgTTTTccat	atgttactca	55920
gaaactttta	cacaagtact	tacttcctgg	tagtgttgag	tgagtgtctag	acctacatta	55980
ccttccttaa	aatgagaaag	gaaagtatgt	caagggactg	cattctgctt	ctgaagagct	56040
atgtacttag	caagtagttt	actcagaagt	aagagccctac	agcaaaactga	tttcaaaagt	56100
cacttaatct	tttttagacag	gctgaacatg	tcgttccaga	agcagcacgt	gtaaattctc	56160
ccaagacaag	caacccactg	acactggaaa	cttgtgttga	agacctatca	tttaaattgcg	56220
ttatgctaaa	ttctagagag	aaaggaagca	aagatgataa	gatacggttt	ctgcccccaa	56280
agagtttttaa	ggTTTTTaaag	taaattgcct	ttgaggccta	aaagaaactt	tccctctccc	56340
tccttttctt	gcactgacag	tttttcgttt	gtgtttttta	acagtatttc	ttttgccttt	56400
tgtatccatc	tttctattat	tttctgcctg	gttggttcaa	tgattatgat	tttctgtcta	56460
aagtttttat	ttcttcaact	cgtctgagac	ttagctttac	attaaaacat	ttcaaataaa	56520
tgtcagaaaa	gcagtgttaa	ctttttaaga	cttgatcccg	gttgaggggc	aacgtgccct	56580

tgттааттс	ccaaacatta	ggtaaataag	tgaggcgtgt	tcctgccctg	tattctaatt	56640
gtctggcaag	aaaaatттс	agttcaggat	gagatgtttg	tctcttccaa	aatctatata	56700
gcattaatct	cattgagata	ccccaaaatc	ccaaatctga	agtattgaaa	aaaatacata	56760
aaagtaagaa	aggggaagtga	tgtatcccc	gggatctact	ctacttttta	caataaaatg	56820
tggctataag	aaaaaaaaaa	tcacattatc	taataattat	taagtaaagc	tctgttgtgt	56880
ttattattac	atcggcctaa	caattctcat	gccttttaag	cactctgatg	gcttaaagaa	56940
gaaatactac	ataaagacat	aaaaaagaag	aaatactgcg	tgtctatagg	tattttgtgc	57000
atctaaattc	acactgactt	ctcaaattat	atagcgccaa	gaaaacagaa	ctactccagt	57060
ttaagagagt	ctttgccgtt	ctgaatattg	tttctaataa	aagtacatgc	tattattgag	57120
agaaagctat	aagagctaат	ggattaaatg	ttgggggtata	ttcccaattc	caccaatgac	57180
tgagatgtta	cccttatgcc	ttcctggggc	tcactttgct	cctctctaaa	ataaagaaat	57240
ttaatттгт	ctattattcc	ttccaaaagc	aaaattctac	tgcattttctg	agacatgtgt	57300
gatacttacg	gctgcgttca	gttttccact	ttcattcata	ctactcacct	taatcagggg	57360
atgtattaat	tacaaattaa	agataattat	ttgactcatt	aggtttaggg	tatatacatg	57420
tcaaataccc	tcaaccctcc	ctccaggat	atcaaacaaa	acctogagct	cctactgctg	57480
aaattcacat	tttctcttta	cttgatatca	acatgtttcta	tttttatgtc	tcataaattt	57540
aattatctgc	taaaatgaag	actgaagccc	aatgcccaca	acactaattt	ccacaaatac	57600
ggattcagaa	taggtttcta	aaaatttcag	tatcctatтт	gtcacaattg	tattgaatct	57660
attatctttc	attaaattat	tccgtgtgtg	ggtcactgtt	ttgccctaag	tgatttacca	57720
cccaaccttg	ccctcctaaa	attattttaca	gtgcagctac	acaaccgttt	tcagcatgct	57780
ttaggcttgt	acttccctgga	gggaacttca	cttcagtgac	aaaactattc	atctgcatg	57840
aacactacca	ctagctccag	tgccacctcc	catgtagcta	tgcagtcact	gcaaacatga	57900
gcaagcctaa	tgcttgctgc	atcgcacgtg	atttcattta	acaagcagta	atttcccttt	57960
tctctctgag	aatgacttgg	ttcaatgtaa	ataaaggccg	taaagtttag	ttggaagaga	58020
ataagagaat	attggaagtt	gtgtagcctg	gagtaattga	gatatgcagg	atgttccaag	58080
ttacaagatt	tatttgtgtat	ctacagacac	tttatgatac	aaatggcaat	gagctaatag	58140
ttatacgtgc	ttctgggtgc	atagaacttt	agatgtcatt	tgtcatttat	ttaaaggaca	58200
aaactgaagg	aagttaggtt	aggtttagga	atcatcaaaa	gaaaagaaaag	tgtcagcata	58260
aggagcatca	cagggttccta	tatcctataa	gttataatat	acatttgaga	tcagaacttt	58320
ttctttttcta	tttctaatat	ttagattaca	gatgagctca	gaagctaacc	tcagaaacta	58380
ttttaagaat	aaaacattcc	atcattgcaa	ttgcgggaat	cttattggca	atcattattt	58440
gcatgttgga	aaaatgggtg	tagcggaggt	gatacaaaaa	ggagaaatct	aatgctacca	58500
ttttgactta	ctttttacca	gattaaacat	ggccatcaca	aaagattggc	ttcctaaact	58560
gtggacatct	tcccagttct	tataagtaag	ggatggttta	cctcaaaaata	acactgaatt	58620
aaaagtгact	tgtgtccaaa	gagctaaagt	cagcacaaat	tataacagcc	catggcttgc	58680
tgagttctca	caattttcaag	cattttgccta	aggccttcct	cactcacttc	ttctgtactc	58740
acactagctg	acttoggggg	aatccagcag	tattgceggc	ccccagtggc	acagtggcac	58800
agagcagcct	gcgaccacga	agatgccggc	agatccccgt	cacctccctc	cccaccaagt	58860
gtgtggaggg	gccagctctc	tccgcctccc	tgatcatttg	tttactgtgc	tcaagttggg	58920
attcttgggc	aataggcagc	tcaaggggga	aagaaacacg	gtgtcttaag	tgcattaaat	58980
cttcatatta	gccccctggc	ttggtaaacc	tttatgtttg	ctttgttctc	tttttttcaa	59040
gcatgacaaa	caagtggтт	ttctttttca	ctttaatgat	tcttttaaca	aaaaggggta	59100
gttttagggct	ttctccgagg	ctgataggтg	tttctgttta	atgaggттtt	tattatactg	59160
tattggcttc	cctgaaaaga	aattacgagc	agcaaacagc	tgataataga	aaaaggctgg	59220
aagaaacaat	aaccaagagg	gggaaaaaat	tagtgtggca	gcagatgcac	gcgttgtagc	59280
tgcgggatta	aatgccactt	ccattctccc	ttggccacca	ttgtgcaagt	aataaagtga	59340
atgtggacac	ttatgtgcca	gttatgtgtg	tgcaaaagat	atagatatag	atatagactc	59400
agctaaactg	ccatctgtgg	aggaagaagg	ctgggtgagct	cagtctagac	aaagatgagt	59460
gaagctcaga	gtgcgggggt	tacaagggct	ggtcggттac	catggaaact	aattggagct	59520
aataagtaaa	gggacatttt	aactgtggga	acagaatagg	aggggctatt	tttcaatatc	59580
accgttacct	acaattaatc	tttcatttta	ggagtgтctt	tacttaattc	ttattatgaa	59640

gcgcttcact	ctgtgcacaa	cctcacccctg	ctcaatgtac	ttgaaaattc	ggcatatcat	59700
cttttagaat	gtgctgtatt	ttaggttttag	atctttcaag	acagaatcaa	tttcactttt	59760
ttttttttct	taaaaataa	actgtttgca	gatggcaaaag	agaaaggaag	ggaggtaatg	59820
gaaaattctt	aactttctaaa	ctgacactcc	gctgagcact	aaagcagact	acagagagaa	59880
ggggagctgg	gaccttatcc	tgcagcacca	acttcagggt	tttgtttgag	ttgattttcc	59940
ctaacaaaag	catttcagaa	caacaacgaa	aatgtgcct	ttgtggactt	actcttacia	60000
tactttccaa	aggtagcatt	tacagctact	gcagaagcaa	gtattaagat	catagcaaac	60060
aaccacatct	attgcatcct	tgtatttttt	attttaaaag	aagtattaaa	tctgtgaaat	60120
agctgaagtt	atcaataaaa	gagaagcagt	gactgagttt	taatgaaaag	atctacaatt	60180
aataatagaa	taaaatgtcc	gtgttaaaaa	gcacttttaa	caataatgta	ggtcagaacc	60240
aggcccatth	gggaatgcct	catagacagt	gtgttacaaag	cacaggggtg	ataaagcttc	60300
ttgattccgc	atctgtacag	tttcttaggt	tttacttttg	taactcaatt	tacagtttaa	60360
gagaatgcga	actaccttaa	taatgtctct	gggtcttcca	aaatctatgc	agttgaggta	60420
atccagattt	ccagacatgg	gtctgggttg	attaaccccc	ctcccgcaca	aacaggaaaa	60480
aaaaatacct	tacaataatt	ggcactatta	aaaattttat	gatgcccaag	ggaagttaga	60540
gccccgttgt	gccacttgcc	attgttgaaa	atgtttgtgt	tgattatgta	tctggactta	60600
gctgattagg	agtagtttag	tgaatacaca	atatattgtg	aaacagacac	ctcataatca	60660
cttctgagaa	gcaattgagc	aatgaatca	ggactttaac	ttctgattct	ttttcttccc	60720
tccttcttct	ttataactca	attataagaa	aaaaatgcac	tgcagaaaaa	ttagttttct	60780
aattttgtac	atcagaaaaa	tgcacccaga	ataattttta	agtatcttaa	tataatacca	60840
cacacaaaaa	ttctggaaaa	acacaagcta	gtcaaatcaa	tgttgctaga	aactgaaata	60900
attctccttg	tgatactagc	atgcccatat	tagataacta	tttatagtct	aaattttaag	60960
gcattaggca	agtttaagag	tttttttggt	ttttttttaa	aacaatcccc	ctcccagttc	61020
aaagaaatad	aaaagggtgca	atacttaaaa	tggtggcttc	ccacagacac	tgtcagggaag	61080
ttggtagtgt	ttaaaattcc	tattttctct	ttcagtttat	caaaattcct	tagatatctg	61140
atggaatttt	tgaaattgtg	agattttgtg	caattaattg	atttccagat	atcttcttaa	61200
agtactgtaa	caagtatagc	cattttcttg	ttcagactgc	tgtaaaagta	cttactttca	61260
ttaaacagtt	cagaaaacca	aaaaaaaaaa	aaaaatgcc	ctaagaagaa	ggtattgaaa	61320
tgaccaaaaa	ttgaaaacat	ttcaaagcaa	aattgttaat	gagctgtttg	agctatatgg	61380
acattataag	tgcaattaac	tagaagccaa	taaaaataat	caatgacaga	gtgcagccct	61440
ctggtacca	agtgttttta	caaagagatg	tctgtgaaag	cagcaagtga	ttaaaaaagc	61500
cacctttatc	tatgggagcg	cgtgctatth	tacatgagta	gaaacgaaaa	tgattttcat	61560
tgactatttc	tgaagttcag	cctgtggcaa	acagtgaaga	gctgtgtgtg	ggaatagaga	61620
agttttctgt	cttagctgog	ccccacccc	ctccttgcca	agaatgttg	aggcagccac	61680
gatctaata	aagaaaggta	ggagttaga	tttcaaaatg	tagatgtcac	atttcagtgc	61740
caactactcc	tacattaacc	ctttatcagc	aagtcaagat	gaacctttta	tctcttatgg	61800
aagggaac	gtcttgctga	gatggccctt	ccatagacgg	gcagtaaaaa	tgtttagggg	61860
ttctgtgcat	cccactgagg	gtccccatca	tctcaggggg	agcacgagga	gttgtgaaaa	61920
gtaacgcaca	actggtcatc	agaataattc	attccctcca	ccttctctgt	agcacctccc	61980
acttctctc	tttttatagc	agtcctttct	ctctgaaaat	ctcaggttac	ttgactggga	62040
gttctcagac	ctccagtttc	agccctgccc	tcagcctcca	atccgtaaga	gacaccagc	62100
cccagcaatt	ggattgggca	gcccgtcttg	acacaccact	gtgctgagt	cttgaggacg	62160
tgtttcaaca	gatggttggg	gttagtgtgt	gtcatcacat	togagtgggg	attaagagaa	62220
ggaaggctgc	cttgctggag	ctgtgtggtc	ttctccaagt	gagagtgcga	ggcaatagaa	62280
ctactttgct	tttgagggaa	aaggaggaat	tcattttcag	cagacacaag	aaaagcagtt	62340
tttttttcag	gtaaagtaaa	agacattgaa	tgcttctctc	ccctctctc	tttttagcata	62400
gttttgatg	gaatgctagc	acggcacact	tgtaaaagcc	agttgttgct	gtcctatcaa	62460
tgctgctatt	gtacggctga	cagatgacgg	tgagcatagc	ttgatgcttg	gctgtctttg	62520
tagaactaac	actcctcatg	ccttgctttt	gaagggtgag	ctaagaaaat	acctttggga	62580
gccgcgtttg	taccttttca	tatccccgtt	gtataactcaa	aacaggagct	ataacttgct	62640
tgtagaggat	agataaggct	gagaaaggat	ttatttttagc	tttcaaaatt	aaaattcact	62700



ttcaaactgt	tgcatTTTTac	tgcTcaattt	ataaagattc	tttgaagggt	ctattactga	62760
gttgctggca	gaggtggaag	tgcTTTTcttc	accgatttgt	gcaaggtaga	ttatgtctga	62820
tttatgacag	agcaaaagggt	gtttttaaAat	atTTTTggag	attgactctg	aagtttggaa	62880
actcctgaag	agaaggggct	accctctgaa	cagccactag	gtcggcttta	aaacaaaaat	62940
gcttagagct	ggaagaaaaag	cagagaagga	agaaggagga	aaatgctctt	taacatagcc	63000
ctcttgCagc	tgCagggaaa	gcagatggag	gtaattgatt	tgCagatctg	tttgtgaaag	63060
ttttacaagt	catggaaaac	taaagtagca	tctctgtaat	ggatcattaa	gagtcactac	63120
atTTtataggt	tttagaccgg	ctaagtgaag	tgTTaattaa	acgtaaatag	atTTTtcaggt	63180
ttggTTataa	acagacaaaac	agaaaggatt	taattataaa	ctagtcattg	gaaattaata	63240
gtcatctggt	gcctgagcaa	cacaaaatga	gttgTcatca	tatatgcgag	tagccgtaac	63300
ggctctacca	aaagcaccca	ccaatattga	attgaactat	ttataaatat	aagaaggggg	63360
tttatatgct	atgtTTaatt	tatagtatta	aaaaaaaggc	ctttcaattc	aggctctatt	63420
ttcacaggga	tcaaaacata	aaatTTTTtA	ttttccaaat	tttctagcaa	gatagggtgag	63480
ccaatgagac	ttctgctacc	ctaataact	tgccctccga	tagcaacatt	catatacctg	63540
tggtatgcag	agcttctggc	tcctactgga	ctttcacatt	tggcagagaa	atccagcatt	63600
atcctcaccc	tttgCaggtg	agagattcta	tgaataatat	tgtatataag	ctgttctgaa	63660
ataagagctg	tttggtagggt	tgaataacag	gatttatggc	tagtgctttg	tgatttttagt	63720
attcgattgc	ataaaagatgc	ctgtaaaatt	atgtttcaag	ttgcattata	catatTTTTg	63780
caacctgca	gataatTTTT	ttaaaatcct	ttttttaaaa	aagttaagat	taaaaacaata	63840
ttttaatatg	gtctTTaatt	tttattcaaa	atgttctcca	gttatactct	caaacttctc	63900
cttcaatgag	aaattatcct	cataaatacc	caggcagtta	ttccgactga	gtattatctg	63960
attcccaata	ttacataacc	aaaatagatc	caagttcata	agctgaagtc	tttcggagtt	64020
ccagtcattc	catttttggt	ttacaatgga	aatgaggttt	taaaaaataa	agacagaaag	64080
gcaagctaata	atctcgtgtt	gtatcaggat	tagaactaca	tggaCagcat	atagcatgca	64140
tggtgctaac	taccaatacc	atTTTTcact	actgcagaaa	tatttcacaa	gaaagtcaag	64200
tgCctcctca	cagatcggat	tttcctccct	gagatgtggc	atgatggcat	ctaacagagg	64260
caaggtgcta	tttagcaaca	ggtgccccac	cagcatacat	ccctgatgtt	gcagatcgat	64320
cacagggctg	cctggacagg	actttgacag	tatgggacaa	ttccctgaa	aaaaacaatt	64380
gtacacagga	ttaggcagga	tagaaacaag	aaagggaagt	tggaCagata	ataaattcac	64440
accttgaaac	ggcagccgtg	tttttgtccc	cctaacaggg	taatgtgaag	ttacttctgt	64500
aaactgaaag	gcttgcttga	aacacagtgt	ccacagggca	atcccagctt	cttgtcaaaa	64560
tcaaaatcta	ctgtcccagg	tggtaaacat	gcagagacat	atTTtatggcg	acctctacat	64620
acctcagttt	gacatttggt	ttcttctctga	cagcacttgt	gctggtaata	cacatgaagt	64680
tcccatcagc	attctaccag	ctgtgaaagt	gtttgagcac	acgggatatc	ccttccagag	64740
aagcgaaaaa	taatggagggt	tgaggagatc	tgaaatgtgc	actcggtatg	cattaagggtg	64800
acagatctta	gaggtgaaaa	gtgatctgaa	agcttgattt	gtgaaagtga	caaaattcat	64860
ttttatgggt	gtgtgcaata	ccaaaataca	ttagtccagg	tattcactga	atccatggta	64920
ggttatgagt	aggaacctcc	atcaggaaac	tagaagggtt	ctactctgtt	ttccttctaa	64980
gaaaatgtaa	gtgacttcat	gcagattgtt	gtagccattt	ccatcataat	agtagagaca	65040
agtggcaaat	gggacatttc	ctatttcctt	ccctaattat	gtatccatat	tggaaggggt	65100
agaggtttgt	ttcttctgtg	ttttatattg	aaaatgggtt	tattctttta	aaatcctagg	65160
accgggcaca	gtggctcacg	cctgtaatcc	caacattttg	ggaggccgag	gcggggtggat	65220
cacctgagat	caggagtcca	agtccagcct	ggccaacatg	gtgaaacccc	aagtctacta	65280
aaaatacaaa	aattagccag	gcacgggtgt	gggcacctgt	aatcccagct	acttgggagt	65340
ctgaggcagg	agaattgctt	gaacccgaaa	ggcgagggtt	gcagtgagcc	gagatcgtgt	65400
cattgcactg	cagcctgggt	gacaagagtg	aaactccgtc	taaaaaacia	aaaaaaccat	65460
aaagcaagat	ttctgatact	gagctatata	tagtattgag	atTTccccaa	ccatcgccac	65520
atagatgagg	ccaaccaaag	agtcagctca	ggacatccgg	ttttttttcc	cctgtgcaat	65580
atTTTTgtgt	ggagaacata	aagtaaattt	aaggggatta	aaatTTTTta	aaccgactc	65640
taaatagatg	gtcgttttta	tcattattga	ctttggggag	aaggaggctc	atgtatgaaa	65700
ctaagtctat	gatcatgtgg	taaattcagc	ttttattttag	gttagaacca	tgaaaatttt	65760

tgaaaggaga	tatcttatgg	aaaaaaattg	tcttgaaata	tgtttccat	ttaaattctt	65820
tttaattctat	cttaatatcc	tgaggaggtg	gggaattcgc	cagttagcct	ttttttcccc	65880
tctcatattt	tctctcccc	tatagccagt	ctgtcatcaa	attctgtgag	tccttccttt	65940
aaaatatctc	ccacatgtgg	cccatagcta	ccatcccagc	gcaatgatca	tctcacatgt	66000
gggccattgc	aacagccctc	taaatgggtc	acttgccctc	atttccctct	tctgtctact	66060
actgcagact	cagcttccta	aaatgtcagt	ttcatcaaag	ctcttctagt	ctgaaaatta	66120
ccacataaac	ccttactacc	cataaaatga	atttcagctc	tattctaata	tgctggcctt	66180
ctattatttg	gcccgaactt	tccaaccatt	tctccccgcc	aaatccccac	aacctcagaa	66240
gtctaccctt	ccttccagct	aaagtgggca	gcacagcatc	tctactttct	agccttttct	66300
ttcagcccta	accactctag	ttttctatct	tgtctttaa	atgagtttgt	catcatgtgc	66360
acggttcctt	ctaagtctac	attcataagc	ctgtgtgtaa	aatgccccac	tcagttcatc	66420
cttatcacct	ctatatatct	atccttcaaa	gtttcagctt	aagttccacc	gcctttgaga	66480
agcctctctg	accgctacct	cttccagcaa	tgcttttctt	cccttcatgt	tgaccactgg	66540
ttatctatgg	attgcactta	aaacaattgc	tttatttttt	attctgtctt	atagtttgct	66600
tctttattcc	ttgacttctc	aggtggagtg	acagggactg	gcctgggtcca	ctttaatgac	66660
ccacagaaga	ccctaataag	tgtgcttact	aaactcacca	ggacattcga	acactcaaga	66720
cactttcctc	tctagagtta	ccccaattta	gagccattca	ctggctccgg	tagcttcctc	66780
cccaccagg	acaggaaacg	aaaaaaaaaa	aatgaaact	cagtgggttt	tatttggggg	66840
aaacttaagg	aaaatgcccc	taaggcagaa	agtgaataa	ttgcccaga	ttaagcttga	66900
gtattatatg	aaaaatccct	atgaagttca	gctttaactg	tagtagaaat	tacatgtatt	66960
ggctgctgct	ctatcataaa	atcccaaata	tggctttgga	gcaggagagt	acaggctctg	67020
ggttcaaaca	gacctgtgtt	ctaateccagg	gaccacctct	ctagctgtgt	ggccttgga	67080
agcgaactga	cccattctga	gattcagctc	cttctctgt	aaaatacaga	taggagtact	67140
tatcttgga	acatttttaa	gaaaacacat	aatcaccta	gctcagtgca	tatccaatat	67200
tgtatgttca	ataaatggaa	gtgagagagg	gttgattggt	gcatatgtag	atccagacct	67260
aggatgcagg	aatgacaaac	gttcagctat	gtcagtcatt	aatcctatgt	atctatgatg	67320
tgccctcctt	tagcattttt	ttctgccacc	aaaggcaggg	gaataaggaa	aggagggaga	67380
gagcaaggga	gagaaagtga	gagagagaga	gagagagaag	gagggaggtg	ctcttgcat	67440
ttagggattt	ggagcaactg	agctaattgg	tctgtaggga	cagtagtgac	agttaaatac	67500
acgttgaggg	agaaatgaag	catgaagccc	tgggtcctgc	accaaggata	ataaagagca	67560
ggccctgggc	cactgtgcta	tgtgtttggg	gaacaaagga	ccccatccct	gtaccatagc	67620
agggttttgg	attctctaa	ggtcatgtgc	ttcccttctt	tccctctggc	tcaccatcta	67680
gaaagaaata	ttaataaaaa	cttggaacaa	cattgtagag	agtcagatcg	agcttcacga	67740
agtaattgat	aaagcaagat	accattttaga	cttcaccttc	aaaccaaatt	taacaaaaaa	67800
gctgaaagca	atcagcttga	gccccttacc	attcccaaac	tctgcacca	tcacaaaca	67860
ttgaaccttc	tattttctgcc	ttttccctgg	aagggcagct	gactgtgaaa	ttctctaaca	67920
aggcactgaa	tgccacttag	caaatatgtc	cttagacatt	ggatattcag	ttctagcttt	67980
ctgatcatct	ggtctgcacc	tgccctcagc	caggagagag	aaagaaactg	gaactgcctg	68040
ggatgatggg	taaggcagta	tttctggaga	tccctccctc	tccctagcaa	acatatctat	68100
caaattttca	aagagaggca	ttaacaatca	catttgacac	catcgtcacc	tgtagccgct	68160
aagctagtct	tcgttgccct	ctaaatatgt	ggtccatgta	ctcctgcaca	gtagtgtatt	68220
aaacttttta	aatttttaatt	taatttaatt	ttttgagaca	atgtctcact	ctctcatcca	68280
ggctggaggg	caattgcaag	atcatagctt	acagcagcct	ccgtcttctg	ggctcaagtg	68340
atcctcctgc	ctcagctctca	tgagtagcta	ggattgccag	catgcaccac	cataccagc	68400
tattttttat	ttttaatttt	ttagagactg	ggtctcacta	tggtaccag	gctggtctca	68460
aactcttagc	ctcaagtggg	cctcccagtt	cagcctccca	aagtgtgtgt	attacaggtg	68520
tgagcaacca	caccggccct	aagccacttt	taattaaaaa	aaaaaatgta	gctcttcgct	68580
ttacettcaa	aggttaaatt	tttcttttgc	tgttttattt	ttgtttttgt	ttactacaca	68640
ggtacaaacc	tgtaggaaac	tatgtctacg	ttttctaaaa	tatgaatcta	agggacttgg	68700
acatgctact	gtttaactgc	tgtcgggtgag	attaatacta	aatctctgtg	cggataaaat	68760
gaacagacag	attgtgtttc	tcaatcaaaa	gttttaattg	taaaaggtag	actctctcaa	68820

aataaatcta	taaatTTTTg	gtcgtactaa	tcaaattcta	aaataaagtt	agaaggcttg	68880
tgatgggagt	ggagtttggg	aactggcaag	agtcacatg	gctcttgttg	aatataaact	68940
aaaaaacatt	ctaaagctgg	atggacaatc	aattcatgag	caagcctaga	cattttcata	69000
aaacagtatc	cttghtaagat	ggggatttgt	cttattacat	atccaatcac	attataccat	69060
aacaattgaa	ttgtctgttc	ttaagcaatg	gactctgatg	tagatttcat	ctactgtcat	69120
gtagttttcc	tcttgctctt	ctttgttttg	ctctattctt	ttgttggcat	tgaccaaadc	69180
ttcagctgag	caacaaactg	ctghtaaccag	atgctagttc	tgttgctaga	attaatggaa	69240
actctgaact	aattttttta	ttttgtccta	tgatctttcc	aatcagtaaa	tagtggtact	69300
aatacatgca	actttttcca	cttcatagta	cgcaaataat	ttctgagaca	ggtttgtttc	69360
aagaactcag	gaaaatctcc	ttgtattcct	ttgatgcacg	aggctcaaag	attattcagt	69420
ctaagtgtct	tcccattttc	ctgaacaaca	ctggcacatt	tagcccattc	ttaaaaacca	69480
aaatggaaat	ctgaaataca	aagagttctg	tttattgtcc	agtttttttg	gtatgatggt	69540
acaggcataa	tctgctatat	taattttaag	taaaactaaa	ggttacacaa	ttaaaagata	69600
ttagctatac	cagaattatg	gtgggaaaag	actaattgca	ttccaatgta	catttattga	69660
tcagttactt	tagaagtgtg	cacctctaga	tattatcttc	aaactcctat	cacaaatatg	69720
cctttgcttc	ccaatcacct	ttctgtcata	taacatgtgt	tctgaaataga	cttcttgcca	69780
atttaaagtt	tcacccttaa	ccttcacctg	ccaataatca	atcttctcct	gaatagaatg	69840
tcctgtgtaa	cagatgtgct	ttaccgtgca	tccagaaatt	cttgaaacca	gcttttaact	69900
ttcatcttat	aaaaagtgca	tcccacaaaa	gacaggcccc	ctacaaatca	tgttctcttt	69960
ttttcttctg	agaactttat	gctggtaaaa	gaaaagaaag	ttttccgaat	ataacagata	70020
aataaaagca	taggacatgt	aatatttttt	acttgggatg	cctagaggct	ttacatgtgt	70080
tatcacattc	tttttcatat	gtgatattga	gatttagtaa	aggagattta	tgatatggac	70140
ccaatatcaa	acagattaaa	tctttttatt	ttactttgac	tcagtttctt	tctctgtaaa	70200
atggagttaa	gtttatcaca	aaaggttggt	ataaagatta	gatgagataa	taaaataaga	70260
tgcttaacac	agaatataga	acagagaaac	tgcacaaaca	caaaacacaa	aagctacatt	70320
tttgttccaa	gatggcaaaa	gacatggctt	gagctgaggc	ttggtgataa	agtgagtatg	70380
tccttttcaa	ataaaaaatag	cccttcttaa	tctcatgatc	tgtatgacac	aatttgghaa	70440
tataatgaag	gtggccactt	ggcaaagaag	agaaagagga	agagggaggg	aaagaggata	70500
gaggcaaaga	agagaaaaaa	aggaatggaa	gaggagggga	aacattgtga	tcctctcttg	70560
cctctgctct	gtgccttgct	ataataagca	tttcatgtca	tagctaagtc	aggccagatt	70620
ctagagtgtc	ctaacacatc	aggtagagag	gttggacttg	atagctaaac	agatgcctta	70680
ggaagttcaa	gcagtagggt	tttaagaata	aagagagatt	aaggaaaaat	gagagtgcac	70740
gtgagtgagc	agagacagag	agagaaagag	agagggggat	aacaagacaa	ttgatcccca	70800
gagttcaaat	aaattaaaaa	aaaaatgttg	tctattccca	tcgacgcagt	gggaataagg	70860
aaaggatggg	tghtaagaac	atggtgaaga	aataaataac	aataatgcaa	cttgggtgatt	70920
agtcaaatag	aggacaaaag	agagaaaaat	actgaggtat	caagcccagg	acacagggaa	70980
atggtggctc	aatctaaagc	tactgaaaat	ggaatttcat	tcggcaacac	aatacattcc	71040
caaagtgcac	atggtcatta	tghaacaat	gtttatctgt	tatctgtgaa	cagactacac	71100
tcaatagaac	tttataatgc	aaacatatgt	aaatatatgt	gtatatcaat	gtttaataat	71160
atatgtgctg	ctgaagcaag	cactcaatgt	ttaataatat	aatttaaata	gatacaatct	71220
aatgttctga	tcattgggtg	gcattagaca	gaatacacaa	ctgtgatttt	cataaggcat	71280
atgccgcctt	agatttaaaa	aaaaattttc	tcagattaag	aaaatggttg	gccaagtaac	71340
aatctagcat	ttctataact	ttgggggaagt	tacggatatt	cgagtcaaaa	tactcaacta	71400
catctgcata	acacctatat	aattctcttc	ttttgactaa	gagactgtta	gtggagcgga	71460
acatgaaatt	taaaaagtct	agaggcaaga	agagatgaaa	tatttaagtt	gcctatgctc	71520
acaaaccttc	atattctacc	ttggaggagg	ctgattgaca	tcctttcaca	gaatgtacca	71580
atgacttatt	cacaaatgaa	atacacgttc	ccttcttcac	tacaaagaca	aatcatcctt	71640
aattttatga	tttgggaatg	gtttcccat	tccctgtctt	ttctttctat	ccccttttgt	71700
tttgctcttt	tttgttttat	ttgtttcaac	catttctctat	tcaaaataag	agggccattc	71760
tctagtcaag	tcttctact	aaatcaatgg	gcagttttca	gaactaggta	tagatttctt	71820
agaagtagaa	gattgtgttt	gccttttcaa	actcgtgcat	tatatgttgg	aggcagcatg	71880

actgaaagaa	tacagagctt	gagtcagcaa	aatctggaac	tgaaatgtag	cctgtttact	71940
gaaaatttgt	gggaatagca	ttgaccatgg	agacttgaca	gcattttcgt	tcctcaaaag	72000
agacttgggt	cccattcaag	tttttaataa	agactttggc	ctgtttctatg	ttacccaact	72060
gggttttctg	aaccatattc	cctagttccc	ctggaagaaa	cgccagccta	agtatcagca	72120
cctgtaatct	atttctcact	caggggttgc	agacatgagg	gattaattga	catgagccag	72180
tttatatttg	gaagccatta	atggctagca	actgaattgt	tgagacatcc	agtgcaacga	72240
accagagagg	aaagaataac	acacaagtgc	catagttaga	tcaataaaca	tcatcttcgg	72300
caagcacaaa	cgttgggttt	agctgccaaa	cttaaaacta	ggtctcttca	tctagtacct	72360
acttaggtca	atgggccagg	gtcctgggtat	agagattagg	gactgaaaca	tgagttgata	72420
tttccaaact	tcttaatttt	ggattgtcta	agttcagatt	tcaattcaag	attctactcc	72480
tacatgtttac	gcttttagat	ctgtcttggg	ggtacaaaaga	cttctggaat	tagagaagtt	72540
tggtccttct	aagaagagaa	aatgaataa	gtagagaagt	cagaaaaaag	aatacaatgc	72600
agtcaaaaaca	tgttctgtca	tacagagtca	ccttaccttt	tcgatgtaaa	aaccaggaca	72660
gaaaacgggg	ggaaaaataa	gctatatgaa	aaacttcattg	tatagcaatt	gttattctca	72720
ttagcctttc	ttctacaaaa	atagctgtct	attcatctaa	cattctgggtg	aactactaca	72780
gtagtctcag	aagtgaat	aaaagtgttc	ctacaattgc	ttctaccact	gtcataacct	72840
ctttggaagc	ttagaatact	ccacttaact	tcctcatctg	cttcaggcaa	atcatatttc	72900
ttgttgcgca	aataaaatta	aatgtatat	tttattattc	ccctggtaac	ttttcaagtc	72960
tgaaaaaata	attaagcaca	ctattagcaa	tgaaataaaa	tttgctgaat	aatgacagca	73020
gtgttgaggc	caggaaaaag	aggcaggggtg	gtacagtggg	aagatattag	aatctggat	73080
tctagaactt	ggctactatt	aatagtgtga	ttttgagcaa	attagttaag	atttcaggag	73140
catgccatca	tctctttgcc	tgcattctgc	cattcccttc	acctagatgg	cattattctc	73200
cttctttact	ggcaaactct	gctcttcctt	taagacaagc	ttaaataaat	aaagcattct	73260
cctttgtttt	tttttgagaa	agtgtctcgc	tctgtcactc	aggcaggggtg	cagtgggtgtg	73320
atcatggctc	attgcagtgt	tgacctcctg	ggcttaatag	atcctccac	ctcagcctcc	73380
caagtagctg	ggacctccag	cacacaccag	cctggctaaa	tttttcctat	tttctataga	73440
gatgggttct	ccctatgttg	cccaactgg	ctcaaacgc	tgggctaaag	caatccctg	73500
cctcagcatt	ccaaagtgt	aggattacag	gtgcaagcca	ctgtacccag	cctaagcatt	73560
ctccttgaaa	ctaaaaagaa	tgggttgagg	aaagagggaag	gacttcaatc	cagttctgca	73620
tcacctegt	catctgaaat	aagctctgta	ccttatctct	ttcttatctc	cactcatctt	73680
acctactgcc	attaaactca	tcttatttct	acactgtttc	atcatatcac	tcactactc	73740
taaaacacct	gtctcccaat	tttctgcagc	atccagtcta	aataaatgac	cagcaattaa	73800
gaacctccat	gatcttttcc	actatgacca	tcctactccc	cctatacact	ttctgctctt	73860
tcctaaagt	gttcaacatg	tcctgaattt	acatctttac	ttctgtctaca	aggcacgtgc	73920
tcacactgtt	ttctgggcta	ggactgcctc	ccatcatgg	tctgcatgtc	caaattccat	73980
ccatccttga	aaagaaaagac	tcaagcctca	ttacctccat	ggaactttct	tttcttaact	74040
cttccaacca	tcaataatct	ctctctcatc	tgtgctcttt	ttccacttaa	aatcttgtca	74100
cataatttta	gctcttaatt	atgtacaatt	ttgcatttat	tcttattctc	atcatttttt	74160
taaattgcct	tctctctctt	atattttgag	aaacagtaag	acaagttgag	ttttgagcct	74220
ctgcatctat	caagcatagc	ttcaagggtg	tagagccagt	acatccctaaa	ggccttcatt	74280
acacattcac	agttagaatg	atcaaggact	actgggatag	aacattatat	tttagtcatt	74340
gagaatttta	ggaaaactaat	cagcagcaca	ttcacaacta	ccccgggcat	tcttttgaca	74400
atgtggaagg	caccatctca	tgcactgatt	ctctggctca	gattttttgt	ttccatcttc	74460
tgcccacatc	actctccagg	gctgcatttg	cgccagctgg	attccatcca	gaaacagatt	74520
caaatagaca	ataggccaac	tagaattccc	atcttccttg	attagatgtg	aaattgtata	74580
gctgggtgtc	actccatgc	cagccactca	ggattctatg	ttatcaatta	atttctcttg	74640
agagctgaac	tgaggagatt	gtgacaattc	tgttttcaag	gacctgtaaa	ataacagcta	74700
gaccagattt	ttatggatag	tgctagatat	ataggcctgt	ccactatctg	ccgcatagca	74760
taaattaaaa	cacctgttta	atttcatagt	aaatcgatt	gggtgttttt	ttcttctgca	74820
gtgtgaatgg	attgtaaaaa	ttttgtctag	gaatggcatt	ctcatttgta	ggacaattag	74880
caactgaggt	aaaaggttta	tattacttag	aagaaaagacg	aacttattgc	acactgtcaa	74940

aactactgaa	tcttatttgt	tgttgttget	tcaataactt	agaattttgca	gtggatttttc	75000
caggaaagga	tatcatagaa	acacagaatg	ttggaggcgt	acctccaaca	atctaagcta	75060
aatctaagca	gaatgttgga	ggcatacctt	agagatcatc	taagcagaat	ctctcagttt	75120
acatctgagg	aaacacagga	ctgggttttgt	tgggagacct	gcctaaaatc	acaaaactca	75180
ttcttacaag	gcagagttct	aaatccaggc	tttatctttc	taaaaagtat	gagtcggtaa	75240
attctaccgg	gatgaaaatg	agttcatgtg	tccactttac	attggggacct	gacaaggaaa	75300
agagatgagt	ccagctccct	tttcgaccat	ggactttctt	gctgaggggt	accgtgagta	75360
atcaggcagt	gtaaatgatg	attggggactg	gaacaaatac	aagaaaaagc	tttttttttt	75420
tcagatgtac	tccttatgga	aaatctgttc	taattgagat	caccaagcac	cgttgctatg	75480
gatgatctgt	gcaaacatgc	agcttttatca	tagagaaact	tctttgtaaa	agcatttttt	75540
aacatacact	taaagaacac	actatccact	gttgatgatg	acaatatata	ccattacgac	75600
ttcaaaacaa	ttttcacttg	cactaaacca	ctggaacttg	taatatattga	gtaaggaaaag	75660
cagtgtgtca	tttctgtaca	ccagaaaact	gaagctgagg	gacagcatgc	catttgcctg	75720
agtctaaaca	cctgagtgag	gtaattagtg	ttagaactca	tgtcttcttg	atcccacttc	75780
actgcctaata	acttcaaata	atttcaaata	taccatattt	ggtcaatatt	agggatacct	75840
attgcattag	aacagttgaa	ctgtccctt	agtaatgtca	ccttactggg	aaataaacat	75900
ttgaataact	cctcaagtac	tggaaactttc	ccaagagaag	tatatgagca	atattcttca	75960
tagcttaata	aattacatga	ttgtatatac	aattatgcat	ctatataatt	tgcatttgaa	76020
gctgatttat	ttgtaaaaga	agtagcagta	ttcattatta	gattataaat	gtatttccta	76080
gtcataactt	ccattttgta	ttttgtacta	taaggaataa	caattttaata	actcaaaata	76140
aaaagattaa	tttagaatat	cctaagtatg	attctgactt	tttaaaaaag	ttttgttttt	76200
cactgcatgt	tctcactcat	aggtgggaat	tgaacaatga	gaacacatgg	acacaggaag	76260
gggaacatca	cactctgggg	actgttgttg	gatgggggag	gggggaggga	tagcattagg	76320
agatatacct	aatgctaaat	gatgagttaa	tgggtgcagc	acaccagcat	ggcacatgta	76380
tacatatgta	acaaacctgc	acattgtgca	catgtaccct	aaaacttaaa	gtataataat	76440
aataaaataa	aaataaaaaat	aaaagttttg	tttttaagac	atgttctaga	tttccttttt	76500
ggtgttgtaa	gtatctcaag	aaagccatta	tgatttccag	agcaatgaaa	gaaatacgtc	76560
ataggaaaaa	gagcattttt	gttcataatt	ttaggttatt	ggtcataatt	caatccactg	76620
gaaaatgtga	ttgcaaatct	ggttagattt	ataaaaatat	caggcttacc	agtattacaa	76680
cttcttatga	aagtgtgaat	tctgttgaga	atgtgaagat	aaagtggcag	aataattatc	76740
ttttttttata	tctaaacttt	ataatagtga	atgctgttga	aaaagggatt	ctatgaaagt	76800
tatttttttga	tccataagaa	tactttgttc	atactatttt	cctttttctta	aatttccaat	76860
ttttattttaa	agtttaggga	tacatgagca	ggttgtgcag	gtgtgttcca	taggtaaacg	76920
tgtgccatgg	tggtttgctg	cacagatcac	cccatcacc	aggtatttaag	ccaagcttcc	76980
attagctatt	cttcctgatg	cttttctctc	tcccaaccac	tcacctatg	acaggccccg	77040
gtgtgtgttg	ctccccgcca	ttgtgtccat	gtgttctcat	cattcagctc	ccacttataa	77100
gtgagaacat	gcggtatttg	gttttctctt	cctgagttag	tttgctaagg	ataatggcct	77160
ccagctccat	ccatgtccct	gtgaaggaca	tgatctcttt	ctttttttata	ttcatactat	77220
tttcagctaa	gcctatacat	tagacacttc	tataaaacag	tgttcccta	tttcttattt	77280
atatctcagt	tgttgtttat	aatgaaaata	aagtatgcca	ttttcactac	tcaaagaaaa	77340
gaccagaaga	aataaaagctg	agctcttact	aaactcttaa	cagctgtatt	cttgatcttc	77400
cattgagtag	caactgctct	ttagtttcta	tcaccttgcc	tcaaacatgg	tcataacctc	77460
caccaaaaag	accacataaa	atagcaaact	gttgaaatga	gaaagagcac	caagaaaaga	77520
tgtaatcct	tgcaggagga	atgcaactca	aaaaggatga	cacagagggt	gagggcatca	77580
gactcttttg	ctctcaccac	tgagaaaaat	ttggcactat	aaccggctag	ataatgggct	77640
ctcttcattt	gcactctact	accatttgta	aatcctctga	agttttaagt	aatttgattt	77700
tccccatagt	ttatgaaata	tacaaccttt	agttttatat	aacaatttat	acttttcaac	77760
atgcctttta	acatttcatt	tggttttgac	aaccttatgg	atcatgccac	ataactaagt	77820
acttgtgccc	attttaaaga	aatagaaaca	gaggcacatc	tttggtgaca	catactgaaa	77880
tattaatgta	tagtgggtata	agatcatgat	gtgtgcagtt	tactgtcaat	agttcaaggg	77940
aggaatatat	atatatataa	ttttataaaa	tctctgtttg	tatatataga	gagagagggg	78000

cagggggagg	gaatgaaatt	gataaggcaa	gacattgggg	caagtcgtta	accataaatg	78060
actatgggta	actggtatgt	aagtgttctt	tctactattc	ttccagcttt	tccgtaagtt	78120
tgaaattatt	ttcaaataca	aattttttaa	aattaattaa	ggaaaattaa	gtaatttgta	78180
taaataaaca	gctgattaga	ggcaaagtga	acaactagga	tccaggtctc	ctaactataa	78240
tctatttctg	taaactgaaa	gtaatttcca	cttaaattat	agtcagccct	tcatatccac	78300
agttccacct	cagtggatta	aaccaacctt	ggatagaaaa	actattcagg	ggaaaaaaat	78360
acaacaataa	aaaaatacaa	attttagaat	acagtatatt	atattttacat	agcacttacc	78420
ttacattggg	tattataagt	aatctagaga	ggattcaaag	tatatcggaa	gatgtgtgta	78480
gattatatgc	aaatattatg	tcatcatata	tcagggactt	gagcaccctt	gattttggta	78540
tctacagtgg	ggctctggaa	tcaattctcc	aaggagacca	agggaaacgag	ggagactgta	78600
tttataatca	caatcatacg	ttttgccagt	cagtcaccaa	taatcaatac	catagctcac	78660
gagaaactca	taatgattta	ttaataacct	ttattttatat	atcatactac	ttattgcaaa	78720
ctgttttcac	tgaccttatt	ttatttggtc	ttcataatgc	ttccaatgaa	gtggattgga	78780
caggcattgt	gggacccatt	ttacagacta	agaaacaggc	tgtgaagggt	acttatacca	78840
ttaatgttca	cagctactaa	acggcagaat	ttagaaggat	gccaaagagag	aatactggaa	78900
agagcactgg	ttctggaatt	taggatttaa	attccaatat	gccttcttag	catttctaag	78960
cctttttata	ctcctactga	ccatacctaa	aacttctagg	gctcgtatta	tatttcgcaa	79020
tagaaaagca	atgttcttgc	cggcacggtg	gctcacacct	cacctgtagt	cccagctaag	79080
caagaggctg	aggcaggagg	atcacgtgaa	ccttagagtt	ccaggctgca	atgagctatg	79140
attgtgtcca	ctgcaaccca	gcctgggcaa	cagagcaaga	ccctgtccct	aacaaagcaa	79200
aaaacaaaaa	catttctctta	aagaacaaaa	caaatgact	gagaaagatg	tctgttttac	79260
ttactaatgt	tatatgtaac	aataacagct	aagatttatt	aaatacatgc	ttaccatgta	79320
caagtaagtg	ctatacatat	attatctaag	ttaatattatg	caacatctct	atgacataga	79380
attatcttgg	tcccagctct	acaagcaagg	aaataggctc	tgagagtttg	actgacttgg	79440
ccaagtttac	agacttgtag	gggccaagg	tggatatgga	cccagaaatc	tgactccata	79500
cccgtacca	ttaactagtc	cttattccac	attttccttt	ttttccttta	agctcagttg	79560
actttttaac	gaatgtcttt	tcctcatatt	tagtaatttt	ttaaattctga	aattaagata	79620
atgctttcta	gaaacatagt	ttatatggaa	aaatatttgc	atgaaaaaat	agaccctcct	79680
tcttatttgc	aacctcttga	aagcaggcac	cacatcttat	ctgcatcaac	agcagctcct	79740
ggcacacatg	gaacattcaa	taaatgtttg	ttaaatgaat	gaataatgtt	cagagttctc	79800
tattaaaaag	ttcttacatg	atctaaatac	ttaaagacag	gacctaaaaa	ttaagttggc	79860
tcaattcacc	aaatctcaac	tttatagtaa	agcacacagt	tttggtccca	gaaaaacaaa	79920
taaatgaaag	cagaaaacaa	atttcacttt	taagaaattt	ttaattctgc	ccttggaaag	79980
ttgaaactgt	ctgtggatgt	ttcaacaaat	gtggccttta	actatctgga	taatcttttt	80040
tagattataa	tctatagtct	gcatgacaaa	aagtgatgcc	caggctcact	aatgtctgca	80100
tttcattatt	ttccttttgc	tgtaaccaga	taggatttaa	aaaaggagaa	acagtcaagc	80160
aaggaccatg	gtctcaggaa	aggaggagaa	ccacctccag	gatatacagc	ttgctttcat	80220
cttcctcttc	ttcttcttct	tcttcttctt	cttcttcttc	ttttcttctt	cctcctcctc	80280
ctcttcgaga	caggagtcac	accatgttgc	tcagtctgat	ctggaactcc	tgagctcaag	80340
ctactgtcct	gcctcagcct	cctgagtatc	tggaactaca	ggtgcatgtc	acagcaccgc	80400
gctacagcca	gctttccaag	gtgcccacac	cagctgccct	ctgagcaatg	actcaggaag	80460
ggaccagtgt	gaggggaagat	gggagctcag	gaaaagtgtc	aggatacacc	ttgcaacctc	80520
cttcttctaa	cccgtgcttt	cagcccttcc	ttttgtgggt	tcttccact	ccaaaatttc	80580
ccataatatt	tatttgcata	aattttcccc	aaaataggaa	tgactaggca	tattgagagg	80640
accacattta	cctaccgccc	ttcccacttt	agtaatatga	tcattgttct	acctgtgca	80700
ttccagtata	gcacacagac	atcttaagtg	cagaacttaa	ctttattgca	acataaggga	80760
atttcggggg	aaaaactgca	ttcgtgaaat	caatcacaca	tggggctcag	gttactcagc	80820
ctggcatggg	tcaaagcctt	atagcaattc	ctcgtaggcg	ctgcctgttg	tactcctt	80880
ggctgtctgt	cacccttgcc	tcaggctcca	gccttagcct	cagcttcttc	ttcctaagtc	80940
acctgccagc	cccagacatg	ggtaactttc	agattctgca	gaatgaggct	tttctctgtc	81000
taagtctcag	cacatcctta	tcagcatctc	acacagactg	caacctctgc	agtcggcttg	81060

tgtccaggg	cctagtcccc	atcactgctt	cctctttata	ctctccgccc	aatgcctgct	81120
cctgtgcgtt	cccacactcc	tgccctctgg	catgtacagt	ttcacatttg	taatctatgc	81180
ctctacgtac	ttacaagaag	aggaggtgaa	aaactggatt	tggcacatat	tgaattttctt	81240
ggaccgtgtt	catttttttc	tgtgtctgga	atccactgtt	ttctagcaaa	aactttctta	81300
agatttcaaa	caccaaccct	aacactctga	gtttacctgc	ttgaatgact	gcctgtccct	81360
cgggctgaag	tcacaacatt	cagggttatta	ttaatgattg	tcaatcacca	tctttttggg	81420
tccctgttgt	tttgccctca	tataatttaa	tatttctatt	taaacacaga	aacttgggca	81480
actgtcagag	tcactcctca	gctaattgctc	cctggaaaagg	gcatatgctt	tttgctcact	81540
caaggcagat	aatactgaac	aagtgcctaa	gaacgttcat	gccataaaag	actctcagaa	81600
aaggaaggag	aaactgaacg	ataccgagtc	cttacacatg	caggacacgg	ctatttcctt	81660
tcagattttg	taattcctat	actggctcatt	ctagttctaa	gtaaagaaac	caggcttttt	81720
ttaaaaaaa	aaaatcacaa	atctgtagag	ctaggatttg	gacccaagtc	agtttgtctc	81780
caaaaattca	tgcgttttct	caaaagaaag	ttctatataa	atgctaaaca	gaaaaccag	81840
tcattaatta	catggaggca	gtttacattt	tcctgcaatt	tacacctttt	tttttccaga	81900
ctaattaaat	ttcctacgct	ggtaaagtgc	ttcttcccac	agttttactag	agtttttggg	81960
aaagagctaa	aagaagggtt	gctgtgaagc	tggcgaggaa	gagaagactg	agattccaat	82020
aaaaacttgt	taactggcgt	gcaacaccgt	gcctatttaag	agtagaacia	ctctcctaca	82080
gaacacacag	ccgagtctat	acattgcttg	ttaagtactg	gcccgaagtgc	tcagtgtctca	82140
gacttgtccc	ttggaccocat	gcccgaagcca	gcctgagag	ggttggaaca	actccccgc	82200
ccctgcagaa	aacacgactg	gttattttaga	atctagggca	tcacaatgaa	catggctcag	82260
tattttcata	aggtattact	actgttgttc	tgaaaaagca	aggcatgcgc	gcacttactt	82320
aatatgttct	ttgttgattt	acacgtcctt	gattttttaa	tcacttccag	aaattcctag	82380
taaatgggaa	aagaatttct	caaataaata	tgttatcttt	tcctccaaca	gaatgccaga	82440
tcacttcttg	aaagatcggt	tccagattct	tcttcagttc	aaactgattt	tcacaaactt	82500
gaatctgcac	gccataatta	ggaagctact	gcaggccaat	ttatttgggt	aatttgcac	82560
agtctaaata	atttttcctg	acagattact	tccgttctaa	gtaccaagta	ctttttaatc	82620
ctagtcaggt	tattgctaag	gataaatgat	ttcacatttc	tcataaagat	gcctgtcatt	82680
aagaatatta	acacaaattc	cttccccttg	aatagaaatg	agctgtcatt	ttagcaatct	82740
tgctgtgtca	gcctttctat	tgtcaaacac	aacaaatgat	gggaaaatca	atttactctt	82800
tagaattagt	caagtggagga	atcctttgaa	gtgggggtgc	agagtttctg	ctgaattcta	82860
taatcacgta	acagcgagta	ctgtatgtat	gttggtaaaa	tggtgtgaaa	tttaatgagg	82920
actatttgtt	gccataagac	cttcagaca	gaatctatct	ctgaaaaaga	attccccact	82980
cctaaaatag	aggtctgatg	agcaacagat	gtggttttaa	tgaacccttg	ttcaactgaa	83040
ccaagaatat	attgtgatct	gtatgaggca	caattcagaa	gagaggggag	gtggctacag	83100
cacagcctca	gtgttgagtt	tgggtgtggg	gtttaaacat	atttatttat	ttcataaagt	83160
ttctctcata	aggcacaatg	caaatgagct	tttaattaat	acaatcta	gttcagagga	83220
tggctctcat	gctgtttata	aaacaattta	catttttatt	ttgtagtcta	agaacgtgtg	83280
tcgaaaagca	tgtcagtgag	tagccataac	cttcagagtg	atctatgtcc	tggcaatgat	83340
ttgtaagttc	cacaactcag	tttctccacc	cataaagaga	agattagatc	gttgttcaag	83400
aatgacaact	atttaatat	tggaaatgac	taaataatga	agtgcctgga	ttctatagaa	83460
atgccgagga	gaaaagaaga	ttaatttcaa	accaaagtct	agtgcacaca	tgaccttcc	83520
attgtaaatc	tcatgaatag	gagaagaaat	aacatctaaa	gctttgtttc	tagggctgag	83580
actctggaaa	tatatatta	ttagggtgtt	tctgatggca	aaaaaaaaga	tccgtctatt	83640
acaatctctt	gcctgtggag	atgagaaaaa	attcttctctg	ctacctttga	ctgaaataat	83700
gcagtttagca	aagattttaa	tgacaagagt	agaagtgtca	tctttttgtc	cctttgcctc	83760
taggcaggac	tacagttaag	ccatctcagg	aaagagaaga	gtgctattgc	tcccaaaact	83820
ctccaggtga	gaatgataaa	aattaaaaac	agcaagttag	aaaactcagg	ggccctgaaa	83880
ttataaaagg	tcagttccag	ctcacatcgt	ttcagttaaa	atttatttct	atttggaaat	83940
agcctaacag	caaaactcca	acggatgggc	tgtttggcac	tagttctcgg	tgaaaattcc	84000
atthagtatt	actactactg	tctgatcttt	ttctattcag	cctcctcttc	accctgttgg	84060
tgaggggagg	aggccatcct	agggatctgg	ggatggccaa	atacacagca	cccaacagtg	84120





cagggccctg	tcctgggcca	ccagggagaa	caacgcaagg	ttccaaacct	atggagacag	87240
acaacgcatg	cggaaatgaca	acagagaaac	agagtcacac	ggagaaaaga	ggggaaattg	87300
gggaaggcctt	ttgtggggga	ggcgggattt	gaactgagcc	ttgaaggaag	tgggtgtgag	87360
gatgggggta	tgagtaaaga	tgggaaatgg	agaattgaaa	ggccgtcttt	agagaatgat	87420
tcacattata	acgtgctggg	gagtaggtga	ggcgggaggg	cgggatggga	agtgggaaat	87480
tagtgtggag	acagaaattg	tgggctttga	gtgccaggat	gaggaatttc	tttgctgtgt	87540
gggaagcagt	ggcaggcgca	ggacaggata	ataataattt	aaagaaaata	tgagtagcaa	87600
gttgtgggag	cggggaggga	agcttgggtg	tcagaataat	cagaactttc	tcagtggacc	87660
caggctcagt	ggaaaagacg	ctctgggttc	gtttattgct	cccacagaga	agagaggaga	87720
gacccagaga	ggtttaaaat	tagaggggtc	gacagggcac	agggaaactc	tggccaacca	87780
tccttaggaa	aacaagagac	caggaataaa	gagaaccagc	agaagcacct	ggtctgagtc	87840
taagaaacat	cagtgtttac	taagcacttg	gtctctggaa	cgcctggctt	tccaaatacc	87900
acatcttccc	atccactcca	tcctgccaca	ggcagctact	gtgtcgggtg	ctcagggagc	87960
cggaaaccaca	tgcttggaag	ccctgagccc	ctgcccgcg	ccgtccaagc	cggccggctg	88020
cagcgcagtt	tgcttgccga	ggcttgcatg	cacatattca	gttgcccttt	tttttcccc	88080
agtcctttca	gccgtgtccc	gaaattcacc	cttagtgtaa	cttctgcctc	tgtcctcctc	88140
cttcttgga	ctgccttttg	tttgtctggc	agcgttgggt	ctatgggggt	gtgtgatgat	88200
aataatacgc	gggcttatat	aaccgtcttc	atcttgcgag	cacttcgcag	accgtcgcta	88260
atgaatcttg	gggccggtgt	cgggcccggg	cggcttgatc	ggcaactagg	aaaccccagg	88320
cgcagaggcc	aggagcgagg	gcagcgagga	tcagaggcca	ggccttccc	gctgccggcg	88380
ctcctcggag	gtcagggcag	atgaggaaca	tgactctccc	ccttcggagg	aggaagggaag	88440
tcccgtctgc	accttatctc	tgtcctctct	cctcctccct	gttcccagag	ctttttctct	88500
agagaagatt	ttgaaggcgg	cttttgtaag	tatcgtgctc	tgcttttact	ttaaaaagaa	88560
agaagacaaa	ctttccttcc	tgtccctgtc	cttttcgtat	tatttattca	ttattcatca	88620
tattattatt	catttatatt	tcagatgatg	gaaagtatgt	ttctggccaa	agtcttccac	88680
ccaaatttgg	tcccttgtaa	tgataataag	aggggaaaga	ggtttctgtt	gataattaat	88740
tcacttaaca	aaatagtacc	caggcgaggt	actgaaattg	gccactttca	cagcattctg	88800
gtgatgtctg	gctgttgata	cacaccacac	acacacacac	acaacactac	acacacacac	88860
acacacacac	acacacacac	acacacacac	tcctttttgc	ccttaagagg	agccctagtc	88920
acctggcttg	ttagacaagg	agaaatgatg	ccactttggt	cttcagtttc	tctgccttgg	88980
gtactcacia	tttcaatcag	ttgtaattgt	tgaaagtgtc	ttttcacact	acgaaataaa	89040
tcccatcttt	cagtgcaggc	ttgaaacttg	cactggcttg	ggtaaaactgt	acaaaacact	89100
gtagctatag	tggacatgtg	aattttttatt	aaatttttca	ctgcataacc	gaaggttcta	89160
atattaaaga	aacatggaca	ctaacttttt	aagcacaggc	aaaactcaaa	gccctgttat	89220
caaactatgt	gtcttaaaga	gtgctgaatt	aacagagtac	tcttctcaga	gattatgctc	89280
actgctttga	gaaactgctt	ttcaacaaga	ggtgaattta	aaactotaga	ataacatgaa	89340
gaaagacaca	acttctgaat	acttagcaac	tctgacttgc	tatttgaaca	agccaaaaaa	89400
caaagggtct	attttgggca	attgtacaat	ttgcatttat	aaaaccgtga	ttataacttg	89460
gtatgctatg	agatacacag	atttattgtt	ttaataagat	ttcaggtaag	aaaactaaga	89520
actataaatt	ggtaataatg	tagaaaagca	aggcctctca	cttttaatgc	tgtaatgtgt	89580
gtgattcatt	tgtaaaggctt	tatcatcttt	acctctagat	gaatagatgt	gaaaaccatg	89640
tatagtatgt	atgtatatgt	tagtgtgtat	atgtgtcttt	atcttaaatt	cttacatttg	89700
ttgtatctat	ctagtgtcca	gtatgttata	tgatagtaca	acatccaaaa	tggatcaagt	89760
ggagaaattt	atttcacatc	aacttttcaga	ttgcaatgtt	tattcagtat	ttattaacac	89820
acatgggaaa	tattataaaa	ttatgtcttt	tttttagattc	tctttaaatg	atattttccc	89880
ttagaattct	ctgtggctcc	catgaaattc	taaggatata	ttaaagtcaa	aaataagatt	89940
ggattctagt	tgctttttacc	cctaaattta	aaagtgatat	ttcaacacta	aattctatac	90000
tttaccta	ttgattacaa	agatgaacca	cataatctca	gcattagcct	caaaggcaaa	90060
ctcaatcata	atagaaggaa	cacaagcttt	gatgagatct	ggatttcagg	cttagtttgg	90120
tcaaaactgaa	ttaactgagc	cttgtgacac	acacctgtag	tcttagctac	tccggtgact	90180
gaggcaagag	gatcgcttga	gcctagaagg	tggagactag	agtgagttgc	gtttgtgcca	90240

ctgcacctca	gcctgggtga	caaagtgaga	tcctatctca	aaggaaaaaa	aaaaaaaaaa	90300
agagagagac	tattgtagtg	ttccagtgag	aactgctggg	ggcactgagc	agtgtagggtg	90360
gacaataggg	cgcagattcc	agaaatattt	agaaggtaga	acattcttga	ctcagggctg	90420
gatgaaggga	atggaggaaa	aggaaacttt	tataatatta	gttttgggcc	tgggctactg	90480
ggtagttgta	atagaatacc	atagaacaag	aggaggtact	ggtttatgaa	gaaaattgag	90540
ttagttggag	taatatcagg	ttgagatata	actaagaggt	tagactgcaa	cgctgagtaa	90600
aaataaaaag	caattttttt	aagcataaaa	ttatcatctg	gatgtggtgg	catgtgtctg	90660
tagtcccagc	tactcaggag	gctgaagcag	gaggatctca	tgagcccaga	ggttcaaggc	90720
tatggtgcac	tataatcaag	cttgtgaata	gatactgcac	tccagcctga	gcaacatagt	90780
gagaccctgg	ctcttttaaaa	aaaaaatgct	agatttttgt	ctttgaaatt	ttgaggagat	90840
acataaagac	tgagctctcc	ctactatggt	ctaagtcccc	ccaagaaatg	gtcactatct	90900
ggactcaatg	aaatcagagc	tttaatcttg	tgccccgtct	gccaaatgaa	tttttttctc	90960
attaactttt	caataggaag	cccatgtcta	gggcagctct	gcctgtagct	atgtgtatcc	91020
tcaaagagag	taattttttac	ttcttcagag	acttcagaaa	tgagcagaga	ctaaagatct	91080
atgagctagt	agaatactta	ttcataaaaa	gcacatatgc	atgaagaagt	aatacttata	91140
aaaaacaaac	ccttttcctta	acagggattc	ttcacttctc	ttgaacaagg	aactcactca	91200
gagactaaca	caaaggaagt	aattttcttac	ctggtcatta	tttagtctac	aataagttca	91260
tccttcttca	gtgtgaccag	taaattcttc	ccatactctt	gaagagagca	taattggaat	91320
ggagaggtgg	gtaacattcg	caaatttttt	aaagatgaca	actggaagaa	ttttaacatt	91380
ttgaatgaat	agaaatcaat	ctgattagca	ggcaggaagc	tgtgactttt	taaatcttga	91440
ggtctgatta	cttgataacc	ctgggttttct	tatacccttt	caccctttct	gtgctcagca	91500
cttaatcttc	taggcaaagc	ctctatcgga	tttctcgga	ttcagagctg	ttaccctacc	91560
tgagcacttc	agagcaaagt	ccattttctta	taaaaggggc	ttagccccag	actttatggc	91620
tagtcttgca	aagtgggtata	atattttcttt	ctggtactgt	aactgtatca	acacatttaa	91680
aaacagattt	aaaaagctat	ttccacctct	aaatataaag	agccttaacca	cttattagaa	91740
agatagcatt	tgataacaat	ctgaattttct	tccacttctg	atggctcaact	taattcacca	91800
aactttggaa	atcatctttg	acttttgaaa	tggtgaaaaa	catttctatt	tttgctaaaa	91860
tgcttttgcc	ataaaaaaag	aagtgtccca	aaaaggaacc	gttaacatct	cagctatgca	91920
aaataatcac	caaatatata	cttttgaaata	agatgactgc	atcatgggaa	agttcattat	91980
ttaaggaagg	aacaagatat	atttggggaa	attcccatta	gcacaattga	agtatgaaga	92040
atatactgag	cttccatata	tgggtgctgg	cattccacat	ttagggttact	caagccattt	92100
aaacttggtc	tcataagcaa	gtactacacc	ctcacatct	tttttaggtta	gccgacataa	92160
tgattttact	ccaactgggt	gctgcctgag	ccactgtgct	ttgcctctgc	agtgtttaaa	92220
gagtggatag	ttcgcagctg	tgaagttccc	cagacacctg	agtccaaact	gttgctggat	92280
tttgcttctt	tctgtgctcc	atggaaaagct	ggaagctcct	caactttctc	ttgggttttg	92340
cttctctgtc	acatgttttc	tggcccccag	tcaattgtgt	atgaagtaat	agtcccacat	92400
gcgtgcacca	tccacgatgg	caagatttgt	gtggttcagc	atgagttttc	taatgagcac	92460
acttttgacc	ttccaacaac	ccttttaggaa	aagcagtttg	gaaccagtta	ttactttcca	92520
aggtgacgga	agctaaaaca	gaatgttctt	ttctcttttt	tttttttttt	tttttgagac	92580
agagtcttga	tctgtcacct	aggctggagt	gccgtggtac	aatctcagct	cattgcaacc	92640
tctgtctcct	ggattcaagc	aattctcctg	cctcagcctc	ctgagtagct	gggattacag	92700
gcacctgcc	ccacgcctgg	ctaatttttg	tatttttagt	agagaacggg	tttcaccatg	92760
ttggtcaggc	tgatctcaaa	ctcctgatct	catgatccac	ccacctcacc	ctcccaaagt	92820
gctgggatta	caggcatgag	ccaccaggcc	cggcccagaa	tgttcttaag	caacaagact	92880
aaagccactt	ttaagagaca	attaaaggac	aactgcatag	gaaaaatgaa	cattttacct	92940
acacatctgt	ctaaatgtgt	gtatgtgtaa	agtatataaa	aatgcctcca	attcacagtt	93000
taaaaatatc	agttactgtt	tcagcatttt	gctactgatg	aatgggtgcta	gtgttttcca	93060
ctaaggactg	ttattttta	gacattttct	tgacagaaaa	tttgatgagt	ttacaaagtt	93120
tcagagccag	gaaatgcagc	ttgattttct	aacaacgggg	acaaccaaga	gagttaagtt	93180
caatcatcta	gttgctttat	agcatggatt	cctaagtgtc	aactgcagta	acacactgac	93240
acagagagca	aagccaaacc	aaactcttaa	agtacagctg	ttaaactatc	aagcttaact	93300



aacctgactc	gccaaggcca	gctcaggata	aaaagagatt	ccaggcctat	ggagggaaaa	96420
aatctgcacc	cattacctct	gagatcccc	catatgtata	cgaaggtaca	actgtagtca	96480
ccagtggaaa	agtatgaaga	ctttaaatga	aatgctttat	taaacattaa	tattttacatg	96540
ggcatgatca	atatttttta	aatgtgaagg	aaattctgag	ttgttaaata	agagggtctca	96600
tttccttatt	ctatcttata	ttatgtttctc	ttttatatca	tatgcacatt	tacatacagt	96660
atgtatatgt	cagatgttca	tggcagcaag	attgcttcat	ttgatactta	aaacattaaa	96720
atgggaatth	cctcatattc	aaagtgttca	aattttatth	aatcaacttac	atthtttcagc	96780
tgtcaaaaat	gtggaatata	aacaaattht	accacttgga	aatgcttact	ttgctagtca	96840
tcaataata	gcttgctgca	actthaaaag	attccatgat	tcagcgcgtt	ttcctthaaa	96900
ataggtctcc	caacctgaaa	ttagacagca	ctcaacctth	aaacttgga	cactthtgtaa	96960
actthtaaaa	ggaaactctt	ctthaatggt	tctatgaaat	ccagtcaaa	aatgatatga	97020
aatgaatcta	atggaaagtc	ttthccttgt	tggagaagca	gtcaaaatag	aaactthctac	97080
aaaaggaccg	aatcacccac	aatgcttcaa	agactcttgc	gagtgtattgt	aagaaaatcg	97140
gtctggatga	aatttagaga	atattgttcc	taatgatcac	cccctttgag	gctgtgaaag	97200
ggcaacatct	gaaagatgag	aggaattgct	gataaaacgt	aactgatggc	aattthgtctc	97260
ttthccatcg	taggtgtctga	cggccacca	ccatcatcta	aagaagataa	acttggcaaa	97320
tgacatgcag	gttcttcaag	gcagaataat	tgcagaaaat	cttcaaaggt	attcatcaaa	97380
ttthtatctc	tagcttaaac	caaggaccac	ctgggcactc	tatgtcactt	gaagagggga	97440
acatttcacg	gttggggaat	tgttaagaac	tggcagaaa	tgaaaagtca	atggtcctct	97500
accttcccat	cacattctca	ttcttgttga	ctgagagagc	taaaaggggc	cttccacgtg	97560
gtagagccat	gtcacgaaat	cagtcctaag	aaatgtcaga	agaaccatct	gaaaaatggg	97620
aatctaaaca	atcatatgac	tattgacata	ttatgagctg	ctcaggaagg	aagctcaggg	97680
gaattagggg	gcagtgtggt	aggcccgcga	tgcacagcca	tccacaacat	actccacagt	97740
gtcaggagtg	aaagctgtac	agatatctga	tttattcaca	gctcgtcttc	acagtttctt	97800
tccttggcca	gataaacatt	agtgcgaaga	gctttcatgg	agccagggag	agttgtggca	97860
acccatctca	gcaatttca	cttgggtggc	aaaacatttc	taggggtttg	gttcatatga	97920
gggtacaacc	tcatgagget	ttthcaaag	tcaactttga	gagttgctcc	ctthcacccc	97980
taaaaactaa	tgcaatgaaa	atgttcagtt	cctctctatt	tcattagtca	ctcttcagaa	98040
tcattgctat	ttgcttgatt	ttthttttct	ttcttttttc	ttthtttttc	ttthtttttt	98100
ttthtgagag	gaagtcttgc	tctgttacgc	aggctggagt	gtagtgggtg	gatcttggct	98160
cactgcaacc	tccgcctcct	gggttcaagc	aattctcctg	cctcagcctc	ccgattagct	98220
gggattacag	gcgcctgcca	ccacgcccg	ctaatttttg	tattthtagca	gagatggggt	98280
ttcaccatgt	tggccaggct	ggtcttgaac	tcctgacctc	aagtgatcca	cctacctcag	98340
cctcctaaat	ggccgggatt	ataggcgtga	gccaccacaa	ccagcctgct	tgattthtat	98400
tctaagcctt	ccgttggccc	aagggtggct	ggaataagtc	ctgtaatcac	caaaactthc	98460
atgaacctca	cctaaaaagc	aacgtcttca	agtctggccc	gaatttcagg	tttgccctth	98520
gagggttggt	ttatccagct	tctctthtca	atacttatcg	aattaaacat	ttthgccttc	98580
attctacaag	tattacgtga	agaaagtga	tggttcaaag	tgtataagac	aggttagtth	98640
tttgacataa	agttataagc	atcagcagtt	ttctagaat	tcttgagct	ttgtctgaag	98700
atggcatggg	gtattaaccc	ccatggctga	ttacagcact	gtatcagatg	cttgtcataa	98760
aacgagctga	atccacagta	agagaagata	agttgaaagt	taggtctcct	tacttcaaa	98820
ctctaacgta	agaaggaaat	attctaaaac	agtaacttca	aaagataaat	gtttaataat	98880
tcaatgaaca	agttcattga	ataactaata	agttcaatga	acagaactgg	aactthctca	98940
gagttattth	tctcttgaat	caggttgtga	acaattthct	ttgtgaaact	ctagcctgat	99000
gcatcaatth	ttatgttgga	aaaaacaagg	ttggccttca	gtgccatacc	attcaaaatt	99060
aaccgtagaa	gagactggaa	aacccttgat	actacaagag	cacccttcat	cttctgaaga	99120
ggtccctgag	gatctgattt	ctcaaagtat	ctthcttagt	ttctcttatg	ctatgaagaa	99180
gccactthtc	ttctthtctc	ttthtttttc	ttthcaaaac	gaacagagtc	ttcctthgtt	99240
gccaggctgg	aatgcagtgg	cacgatctta	gctcactgca	acctccgacc	cctgagttca	99300
agcaattctc	ctgcctcagc	ctcccaagta	gctggaacta	cagacacgtg	ccaccacgct	99360
tggttaatth	ttgtatthtt	agtagagaca	gggattcacc	atgttggcca	ggatggtctc	99420

gatctcttga	cctcgtgate	tgccagcctc	agcctcccaa	agtgtctgga	ttacaggcgt	99480
gagccactgc	gcccataaaa	aggccacttt	tctacaatgc	catgtttgtt	gttatcttagc	99540
tggtaatctt	tcatgttgca	cttttctccc	cctaattgtg	gattttacca	ctgtgtttatg	99600
tcttcttcac	ttctcagcac	atctttatta	tgggaaaata	caagtaagt	tctaggctgg	99660
gcacagtggc	tcacgcctat	agtcccagca	ctttgggagg	ccgaggtggg	tgaatcagct	99720
gaggtcagtg	gatcacctga	ggtcaggagt	tcgagaccag	cctggccaat	atggtgaaac	99780
cccattctta	ctaaaaatac	aaaaaattag	ccgggcgtgg	tgggtgcgcgc	ctgtaatccc	99840
agcttatcaa	gaggctaagg	caggagaatt	gtttgaacct	gggaggcgga	ggttgacgtg	99900
agccaagatt	gtgccattgt	actccagcct	gggcaacaga	gcaagactct	gtctctgaat	99960
aaataaataa	ataaaaataa	tgtctaattg	tggatcattt	agattcactt	gctcaaattt	100020
aacatacaga	acatttttct	tgaaaatcta	tggattctgt	atgagacctg	gcttcaatct	100080
actttttttt	aatcttgggg	ctggaaaatt	caaatttaat	gtttggcttc	agagatctct	100140
gccccttttc	aaccaactcc	aggatttgag	ctgaattaga	taagcagacg	agtcacttcc	100200
caccactacc	tctgtattta	tatatccaca	atcctccttc	tagtcaattt	tatggaaaga	100260
aatggatgtt	tttgggtatg	tgcttgga	atcatgttta	taaaataggg	accactttac	100320
tggaccttag	agttttcaaaa	tgctgccctg	tgcatTTTTt	attgcctctc	tgctcatatc	100380
atTTgggtat	aaagttcttt	catttaatat	tcagaactgc	ttacctgtag	ctcattgaac	100440
ttggcatcac	ctctaaatta	cataacccaa	gagaaagtgc	aaggagatac	tataagcaaa	100500
tctcagaagc	tgcccaagca	tttccctgtc	ttcagattgc	cagattgtcc	cttgttccaa	100560
ggagagatag	gttgtattca	catatgagaa	gacacaaaaa	ggacaattaa	atttcacagc	100620
ttgggggaga	ttttgagggg	tctcatcaaaa	aatgtttaca	cctatggaac	agattgcttt	100680
tgtgtatgtg	tgtgaagcct	ggtttttcagc	ttaaaataca	cctgccaaaa	tatgaatggc	100740
ctttattgta	ccttctggac	actaatattg	caactgttga	caaggtttgg	tgcgcacaga	100800
tgggataact	tagaacagca	actatgttgt	ttttgagaaa	attaagattt	ttcctagcct	100860
tgTTaatacc	tatttgggat	ggaaaatttt	attataagga	tggcttagct	tgccctggca	100920
ctttattttt	aatattattt	taattattaa	gttaaattta	gtatattaat	ctaaatgtag	100980
gtggttttta	aaattgccc	tagactgtaa	cagtaaacta	aaccttttca	aggaatcaat	101040
atcagatgtg	gaccctaaaa	cttatccttg	tcttgcctta	agtgcataat	ggataccaag	101100
acaatgataa	tttgtcttgc	tgagaatat	agagacctat	atTTgggggt	gctaaaaagt	101160
agactctttt	cctttgtgat	tccccttaca	tattttgaaa	catttctcat	tgaagaggac	101220
aatttattac	acagaatatc	aactcattta	aaattaggta	tttgttgtaa	aaaccatata	101280
acagtcgctt	aagagttttt	tttttttaaa	tcacacactt	aaacccaaatc	agttggtctt	101340
ttctttataa	gtatatacta	agtagaatca	tagaaaattg	cttctattta	actattgttg	101400
gcctacaaaa	gcagtgattt	catagggtat	tatctaatat	tttataaaat	tggaaacatg	101460
gagaatgtac	aatgtttatt	gttttgtttt	cacctacctt	tgtgtcaaaa	cggttcatac	101520
aatttctgca	ttgtcttttt	agttctttta	aatTTgtgca	ttgtgttcca	ttacatggat	101580
gtgggacata	taagttgtct	atgctttttc	tttataagag	agataaacact	aaacatacac	101640
acacacacac	acacacacac	aatcaatacc	tcccttcacg	tagccattct	gtttagttgc	101700
atTTtaatga	tggTTTTtaa	attgtcttct	cctgcaccat	cctcttatcc	ctttgagact	101760
aatcactttc	acatgtgaga	cttcaatgca	aatctaagt	ataagcaaat	gttagtatgt	101820
acaagcacac	agattttgcac	ccatgtatgt	acatagctaa	atggatctgc	ttagaccaca	101880
gtcctcaaa	ccagtgaagt	tatgttttaa	gaaaatgcc	aactccaatt	ggatgagaaa	101940
cattgtgccc	atcaggctgt	gccatctttt	gcaggtcct	ctctcctccc	atctgactga	102000
gacctgtccc	agcagggtgg	tctgtcagta	tgttccggt	gccagtaaaa	ttgtgctttg	102060
cctgataatg	gtgaggaagc	aaactccaga	gatgttgacc	aaacccaagga	aaactctttg	102120
ctcttgccat	aatgatacat	tcaggcagga	agttaagaga	aaaatagctc	ttccctggc	102180
aaggaaaagga	gtttaattac	gatgagggtg	gggactgggg	gacattcaca	agtggatatt	102240
aaggaaaaag	aatgggatga	tgtcattctt	tactgaggca	gtcactaaaa	tgaatcagc	102300
tcacacaaca	atggtcttgt	tctatgtctc	aaagcgcaag	ttggtatgag	acattacttt	102360
gcggtgatgc	tctcaggaag	ggcctaagg	gccgtgtctc	catgaaacta	tttcccaaaa	102420
catcttgaag	acaggtcaag	aagtgcagaa	tcattccatc	cagtgtctgaa	atggcccaca	102480





gcagtgatat	atgtcagggg	agtgcagaa	agagcccttc	ctaccttagg	aagcctttgg	105600
gagcggttca	agagtttatc	cccacaaaag	tgaacctgtc	ttctcaaaat	gggaagctct	105660
ttctgttcct	aatttagaga	gacccatgag	agaagtatgg	tttaatgggt	aggaacacag	105720
at ttgggagc	cagactgcc	gggtttgaat	ttccactctg	ccatttgcta	actgtgactt	105780
aatttcttta	tgcttcagta	tccttattgg	aaaaataggg	gccagtaatg	ccatcaactt	105840
cattatgctg	ttctgaagat	tagatgattt	caaatgtata	aagggcccat	acaatgctta	105900
acaattagta	aagtgcctta	tgacacagta	ctatttttat	ttatagaaat	tcaaaaatcc	105960
agtaattcac	aaagcagaaa	ataatgtttt	tgtgttgggt	tttttggtgg	gttttttttt	106020
gttttttttt	tttttgagac	aaagtctcac	tctgtcaccc	acactgcagt	gcagtcgtgt	106080
gatcttggct	cactgcaacc	tccgcctcct	gggttcaagt	gattctcctg	cctcagcctc	106140
ccaggtagct	gggattacag	gtgggcacca	ccatgcctgg	ctaattttta	tatttttagt	106200
agagatgggg	ttttgccata	ttggccaggc	tggtctcgaa	ctcctgacct	caagtgatcc	106260
accacctca	gactcccaaa	gtgctgggat	tacaggcggt	aaccaccatg	ccagcctga	106320
taataatggt	agtccatatt	atcattacac	acacacacac	acacacacac	acacacacac	106380
acacacatat	tgtcaatgta	tcagggtattc	tgtagaaacc	tgtctcagga	ctctgcaccc	106440
accctctgga	aaccagtact	agacaggagc	aggacctatg	catgtgcctc	acacataata	106500
gtaataacaa	taccttaatc	ttacatgttt	aaaatgtaca	tttgcacact	tgtgacactt	106560
attgagaaaa	ccaaattaag	caatgaatgg	gaaactactt	tgggaatata	ttatcagcat	106620
ctgtacagat	ggaaaacctt	ttttaaacca	gtttttaatt	ttctaatttt	tgttttctct	106680
ttggatttgt	ttaccctttg	gttcagattt	ttttctccca	ttcaatcatg	atttgacaaa	106740
tactaataaaa	taacaactaa	taatcacgaa	aatccgataa	aaagatcctc	ctgatggaga	106800
cttttaagat	tcagtgggtc	cagattctga	gccctaactg	gctggatatt	ttactctgg	106860
tctagcatct	cccctagtac	aacatcacag	agctgcatgc	tgagcttcac	gaaagagtaa	106920
aatagatctg	cctcatcaaa	acatctgttg	agacttaatt	ttttagagcc	atttttgggt	106980
cacagtaaga	ttgagaagaa	agtaacggaga	tttcccatat	acccctgtcc	tcacacatgc	107040
acagcccctc	cattctcaac	atccaccact	agggtgggtc	atttgtttaca	attgaggaac	107100
ctacactgac	acatcattgt	cacccagagt	ccacaattta	cattagcttt	cactcttagt	107160
gttggttttt	ctatgggttt	ggacaaatgt	ataataacat	atattatcag	aacatttttt	107220
actggtttgc	aagttatata	cattcagatga	cttttttaca	gctacaacta	taattagcca	107280
cactatttta	atgatctaat	tttaaagctc	caggttaaac	actgcacaga	atagcatcct	107340
gcccttctat	tttgccatta	ttaagattcc	ctcattgaaa	gatgaaaata	aaattcctag	107400
agaatgatga	aaaaaagcat	cacgaagaga	agtttcctaa	gtattatgga	gatgtttcac	107460
acagcataga	gcactaattc	tgcttggtgt	ttatatTTTT	gaaaacaaca	ctttatatTT	107520
aaaattcaaa	attcaagtca	catatcaaat	gttgccatag	gatctcaaag	taacaaacat	107580
agtgttcggg	ttccctactt	ctctttcttt	gtcattaagt	atgtgacagt	gccaaagggt	107640
ggcaagtccc	tgctccacca	aaggggagagt	agaaaaagtg	cctcttgagc	gagtattgta	107700
gacccatca	gccaccaac	atctaccaag	tgaaagttaa	agggtgatcat	cagcatggcc	107760
tgaaatgaac	aacaggggcca	tggtctctta	tatgtacaga	atccagttca	aatcttttca	107820
aagccagcca	aggaccatcg	gtatgaggaa	agaaatatgg	tattgtaaaa	agacaatgga	107880
gagactccac	cacttaccag	cttgtgaatc	tgggcaagcc	gcatgttctt	ttgggtccca	107940
gattgccttt	ctgtaaaatg	tggataacag	cattttacct	ataatatcgt	tgtgaggggac	108000
tcaaagagaa	gctgtgtgca	gaacgtcaag	cctagagctg	gttgggagagc	gtataaccga	108060
gaagcattca	tttttctcct	caccttgtct	tagcacgagt	gttctttcct	ccttcacctc	108120
ccccctctta	acttggccct	aacatatctc	atcttagcta	ggttccccag	gttccctaca	108180
caacacccca	gactgctcct	gcttcctcag	acataccctt	catgggcaga	gccttgcaac	108240
tgacataggc	cagaataccc	ttgtgccaca	cttatgaaaa	gctaaaatgt	gataaccttt	108300
gtaaaaatatt	ccttgatttc	cttaacttat	tattattaac	atccagaatt	tatttctccc	108360
tttgacctct	tatggacttt	ataccttaat	tatgattcat	at ttgggtacc	ctactgtcat	108420
ttatatatat	gtgtttcaca	ttagattctg	tgtgttttta	gactaggata	ttatctgtct	108480
at ttattctt	agattttagca	cagtactttg	aggtagttaa	gtacacaata	aatgttcatt	108540
gttaatttta	aaaacaaagt	tgcaacttaa	at tttaaaac	actgagcttt	gtgaactgcc	108600

aaaaagaggc	atccatgctt	tgacttgggc	cagtccccctt	gtggtaaatt	tttaagatca	108660
cctacataat	ttttctttcta	tttgcttatg	tgtttgaata	tctaaaagac	tcctgtggaa	108720
atagagccag	aaataaatat	tgagaagaac	ctctgggctg	gcatctgtct	tagagagttt	108780
agtgagaaat	acagctacat	aaagagctgt	tgtgaaaggc	agaactcca	tggataaatg	108840
aatgaataat	ccccaaagct	ctttgccata	caccaatgtc	tcttaaaagt	agcatgttac	108900
aaagtattac	tgtggaagac	catcaacctt	tggcataggg	aacactacat	agacaacttt	108960
aagcctaatt	gtacaatcat	tcattggctag	gaaataataa	gatataaggca	tcagaaaagc	109020
cacatttctg	atcaggtgcc	tgaaatgagg	taatttaatt	tgaacaaaagc	ccttctgaat	109080
cccagggggt	gaaaagggca	cagccaccac	ctgttgtttc	atcagctcaa	ctggactgaa	109140
ggacagcctg	cccatgcoct	tgggtgtggc	agggtttcta	attggacttc	catcatttca	109200
gccacattac	agaaaaggaa	agaaaagatt	ccaacagatg	ctaatagttg	agagacaaat	109260
agtaacacac	actcttaata	agttttctgt	gaaaaggctc	taaaatgtat	ttttgttgtt	109320
gtctaaaaag	ataatgaaaa	ggtaacagta	taagggaag	tttcaggagg	cctgagcttt	109380
gtcccagctg	cataactgac	tggttgtgta	accttgggtc	agtcacttaa	tctttctggg	109440
cctccatttc	tcatctgtaa	catggagggtg	ctcactttca	gactgagat	tgctgactga	109500
actctaagat	tatgctttta	ctgtattcta	cccagatttg	tatcaccttg	tattagtcca	109560
ttctcacatt	gctataaaga	actacttgag	actgggtaat	ttataaagaa	aagaggttta	109620
attgaccgac	agttctgcag	actgtacagg	aagcatggat	ggggaagggc	tcaggaaact	109680
tacaatcatg	gcagaagggtg	aaggggcagc	tgtcctacat	ggctggagca	ggagaaaggg	109740
agagagaagg	gggaagtgtc	acacactttt	acacaaccag	atctcatggg	aactcactca	109800
tggaaacagca	aggggggaaat	tcacccccat	gatttaataca	cctcccacca	ggttccacct	109860
ccaacactca	ggatcacagt	tcaatatgag	atttgggtgg	gggtacagag	tcaagccaca	109920
tcattcttcc	tctggccact	ctcaaatctc	atgtccttgt	cacatttcaa	aatataatca	109980
ttccttccca	atagccccct	aaagtggggg	agtgggagga	ggctgttcca	gcattaacta	110040
aaagtccaag	tccaaagtct	catctgagac	aaggcaagtc	ccttctgcct	atgatcctgt	110100
aaaatcaaaa	acaagttagt	tacttccaag	atacagccag	ggtacaggta	ttgggtaaatt	110160
gctcatgttc	caaaagggtg	aaatcagcca	caacaaaaga	gttacaagcc	ccatgcaagt	110220
ctgaaaccac	ggagtgcagt	cattaaatct	caaagctcca	aaataatctc	ccttgatttt	110280
atatctcata	tccaggccac	actgctgcaa	gcagtgggct	cccaaggctt	tgggaagtcc	110340
tgccctctgt	gttctgcagg	gtacaacctc	ctgggctgct	ttcacaggct	agcattgagt	110400
gcctgtggct	tttgtagggtg	cagagtgcac	gtgttgggtg	atctaccatt	ctggggtctg	110460
gaggacagta	gccatcttct	cacagctcca	ctaggcaatg	ccctgtggg	aactttgtgt	110520
ggggactcca	atcccacatt	tcccctccat	acttccgtag	tagaggctct	ccacagggct	110580
ccactcctgc	agcagaacttc	tgccctggaca	tccaggcatg	tccattttatc	ctctgtaatc	110640
ttggtggaag	ctcccatacc	tcaacccttg	tcttctgcac	acctgaaggc	ccaacaccat	110700
gtggaagcca	ccaaggcttg	gggcttgcac	cctctgaagc	aatgggtcaa	gctttatctt	110760
ggccccgtgt	agccatggct	ggagtgtggg	cagctaggat	gtgggggtgcc	atgtcccagg	110820
gctgcataga	acagtggggc	cctgggcttg	gcccataaaa	ccattttttc	ctcctaggctc	110880
tccaggcctg	tgattggagg	ggctgccaca	aaggtctctg	aaatgccttg	gaggcatttt	110940
ccccatcgtc	ttggctatta	acattcagct	cctccttact	tattctgcag	ccttgaattc	111000
ctccccagaa	aatgggtttt	tcttttctac	cacatgggtc	gactgcaa	tttccaaact	111060
tttgtgctgt	gcttcccttt	taaatataag	ttctagtttt	gggttatttc	ttcgtttatg	111120
caaatgaata	tatgctttta	gaagcagtc	ggccatatct	tgaacacttt	gctgcttaga	111180
aatttcttct	gccagatata	ctaaatcatc	tctctcaagt	tcaaagtttc	acagatttct	111240
agagcaaggg	tgcaatgcca	ccagtctctt	tgctaaagca	tagcaagagt	ggcctttact	111300
caagttctga	atgagttcct	catctccatt	cgagaccacc	tcagcctgga	tttaactatc	111360
catatcacta	tcagcatttt	ggtcacaacc	attcagcaag	tctccaggaa	gttccaaact	111420
ttcactaatt	ttcctgtctt	cttctgatcc	ctccaaaact	atcttaacct	ctgccatta	111480
cccagttcca	aagtcaacttc	cacatgttca	ggtatcttta	aagccatgcc	ccacttctct	111540
gataccaatt	ttctttatta	gttcattctc	acattgctat	aaagaactac	ccgagactga	111600
gtagttttta	aataaaagag	atttaattgg	ctcacaaactc	tgcaggctgt	acaggaagca	111660

tggttggggg	aggcctcagg	agacttacaa	tcatggcaga	atggcagaag	gtgaagggga	111720
agctggcatt	gtcctacatt	gctgaagcag	gaggaaggga	gagtaaaggg	agaagtgcata	111780
cacacttaaa	aaaaaaaaac	agatcttgtg	ggaacttact	cactattatg	agaacaacaa	111840
gagggaaatc	caccccatg	atcaaattac	cgcctaccag	gccccagctc	taacattcag	111900
gatcacaatt	caacataaga	tttgggtggg	gtcaaagagt	caaaccatat	catacctctt	111960
ggatgagaat	tgcacctttc	atttaagttt	tgtcaggaaa	atgatgcaat	gagaataaaa	112020
aatgaaacca	taaataattt	ttactttatg	ttttcttatt	caagctgacc	ctagatttat	112080
ttctcaacaa	ctgagataga	atctttgttg	atacagatgt	ttctaaatag	aggcaaatcc	112140
tttgttacaa	acaggcaatg	ttaaggatga	taatttgtaa	ataaactacc	agaggttcta	112200
tattataata	ttacctagta	atattatcat	tgatattata	tgttttacag	atacattaaa	112260
aaacaaatac	cttaacaagc	ttcctaaaaa	cctaagcata	aagttttaaag	ttttgggtggg	112320
aaaagacatt	tcttgtgata	gtctacaata	ccaaaaacat	cttctcacct	gtgcttatct	112380
ctcctttacc	ctgctgtctt	agtcattttt	ctgcttccat	aataggatac	catagattaa	112440
gtaatttata	aagaaaaagg	gtttacttga	ctcatgattc	tggaggctgg	gaagtccaag	112500
agcatggtgc	cagcatctgg	tgaagggtctt	gtgctgcata	atcccatggc	agaaggggtgg	112560
aagggcaagc	aagtgtgcaa	gacatagaaa	gaatggggca	aaacttcttg	ctttaatagg	112620
agcccactct	catgatagcc	aacacattcc	cacaataatg	gaaattatct	gtccatgagg	112680
gcagaactct	catgacctaa	tcacctctta	aaggctccac	tttgtaatac	catcacaatg	112740
gcaactaaat	ttcaacgtga	gttttgaatt	taagccatag	cacctgcttt	ctcagctttt	112800
gtaagaagaa	taaagagtcc	ttctttcctt	ttaagctaatt	tctgatgaca	tattcctgct	112860
tgaaattcta	ataagacata	aatttaggaa	ccaggaagta	agggtttttag	gggagattaa	112920
aagacttgag	gtagggaaac	gatataaggt	tttatcattt	aaaaggcagg	taaatgggtg	112980
ggggcaaaat	gaacattaat	agcattgatg	gaagaggccc	agtaagagtt	gaggttatca	113040
ggctctgggg	acttcaaaca	gtaactatgg	ggtaggttaa	ttttaagata	tgaatagaaa	113100
ataagagaaa	aagtatccag	taaaaaagaa	gtcaatagac	agcaaagagg	aaatagaaaa	113160
cagtttctct	atattttcat	ttttgttttc	cttgtgcatt	tctgcatctt	cccttttcat	113220
taccacagac	cacaatcatg	ctaacactga	tgaaagagga	aggtgggaaa	ctgataaatc	113280
ctccaagtga	ttggcagaag	gaagaaaaat	aataaatgca	caaataaatc	aaagaaagtt	113340
atatatttta	catttatcat	aggcatatgg	tttgtatatt	tttgttatag	aattaatcac	113400
attgcattta	ttaggctttc	agttagtgtg	actttttgga	tctgtgaatt	tatatTTTTT	113460
aacatatctg	caaactttta	agtcattatt	tcttcaaata	tttttccatt	accaccgcca	113520
tcttctagta	ctcaagttac	actgtatgtc	agactagttg	atattgaaat	tgttccactg	113580
agacagaatt	cactttttta	ttagcctttc	atttccaata	ttgtactttt	cagctctaga	113640
aattgtatth	ggttcttctg	aatagttttc	atttatctct	tcattatggt	caccttttcg	113700
ttaatatgct	cgagcatatt	tgtaatagcc	acttcaatgt	tctcatctgc	caattccatc	113760
atctctgagt	ctttttctct	tgactaattt	ttctcctggg	taggcatcac	attttctggc	113820
attttcacat	gtctagtaat	acttaattgg	ctgttggaat	ttgcaaatat	tacattgttg	113880
aatgcctaga	ttttgttttc	ttattttata	gaatattggg	ttttgttctg	gcaggcagtt	113940
aattcacatg	aggattagtt	gggccagacc	ttttaaaact	tgtttttaag	ttgtgctagg	114000
tcagatctag	aatgacctac	ctctcagact	cattgagtcc	tactcttaag	gcttgacctt	114060
tctaaggtht	ctgcttatgt	gtgttcacat	aatgcctca	tgtgtgatca	atgagttctt	114120
cccactatag	ttagtcagaa	cttgagggcc	gactggctgt	gtgaagtgtg	agttattcaa	114180
ggtacagccc	ccagtaattg	ttctttggcc	atctttgtag	tcttactcta	catatctgta	114240
gcttaaatat	tcagcaaagg	acttgagggg	accccataca	gatttctgga	actctttctc	114300
tttatgtctc	tcttctctca	agctctgtcc	cacaaatttc	acttcacttc	cccaaacaca	114360
ctctatcttc	atctctgctt	agattctcct	ctctgtgcta	tagtctagaa	agtgtctcta	114420
gtggagcata	cattacttgt	gtcccttctc	ttggggatca	cagcctgttc	aatgtctgag	114480
agttgcttca	tatgtcattt	gtccagtttt	ctggctgttt	atggcaggag	gaccagtctg	114540
gtaccagtta	tactatcata	actggaaaaa	taagtcccac	cacattcata	ttcaaacttt	114600
gtttctgtth	cttttctccc	cgcaaggcag	tgagaccctt	caaggcagtg	acagggactc	114660
attcatctct	gcattctcag	tatctaacat	atgaagcata	gcataatatca	ggcataataa	114720



aaggacagag	ctgccatcaa	cagagattag	aaaggctgca	gttgaaagag	tgttggggag	117840
atagataaag	agttcagttt	cggaagttga	gtttgagatg	tctgttagac	cttccagtg	117900
aaatatcatt	aattaggcag	ttagcttgat	gagagcctat	atttggaat	aaagttttgc	117960
attagaagt	cattagcata	atgtcaacaa	gtatgtgagt	atagacaggg	aaaagcacta	118020
aagtctaacc	gccgaaatac	tccagcattc	aaaagtcaaa	gagaagagga	gagaagagct	118080
ccagtaaagt	aggatgaaga	caaattgggtg	gaggagtttt	gggtgccttg	gaagccgaat	118140
gaagacagtg	tttcaaggag	gagaatgtta	tcaactgcat	gtggcagtat	gatgaggatt	118200
gaaaactgat	cattggattt	atccattgga	ggtcatcggt	gacatgtata	aaagcaacaa	118260
tggtgaagta	gagagagaga	aagcctgatt	athtagcaa	agataaaaatg	gaagaagaaa	118320
aaaacaagaa	atatgacaac	tctttcaggg	agtttgctgc	aatggagca	gagagaagga	118380
cagtagctga	taagagaagc	acagtaaaat	atgtgtttaa	ataatggaag	acataaccac	118440
ctgtttatat	ggtaacacga	gtgatataat	tttgaggaga	agcatgatca	tctgggtaaa	118500
aaagaagagt	attgtctggag	ctgtggttct	gaatagatga	gaagaggtag	aatctggccc	118560
atgggtagaa	gaatcagctt	cagacagaga	gaatatgcag	aacctatcta	ctccgataga	118620
agaacatacg	tgtagtggag	tagatgctgg	cgggtgaaca	agttgaggag	ttggggagac	118680
ctgtggaagt	tctcctccag	ttgcttctat	ttccccagtg	aagtataaac	caaggttatg	118740
agtgaaggtc	agggaagagt	atgaggaggg	atgaggtggt	gtgaaacaga	tatttgagag	118800
aatggaagag	tctgtgggatt	agggcaataa	agtatgtttg	cgaggcagta	ttaggacctc	118860
tttgaagttc	atggcactga	acataacatg	agaccattta	ggggattcta	tgttcttctc	118920
caggcacata	gagttgcaca	ggtgcagata	cggagcagcc	agagagctgg	atttaactca	118980
agtttgggga	aaccaagcaa	ggatggtgaa	gtgagagagg	gggaaggagg	ttgagaatgt	119040
ttacaaagga	ctgatgataa	tgactgtcgg	tggaattata	attcactacc	ctcccctgat	119100
aaggagggga	attaagacat	caggggccgg	tgaaggagt	ggaggatcaa	ggattgaaga	119160
gccctgcctt	gtcaaaggat	tgttgggggt	ggcatactaa	gagcaatgat	cagagagtg	119220
gatgcatgga	accaagatga	tggagcgggc	agttaccagt	actcataagg	gctaggggtg	119280
attagattgg	ccagggagtg	gcttggggag	aggaggggtg	atccagaaaag	gaagaggcaa	119340
ttgtgttcat	gagctcacat	ccaagagctt	tgaatcttc	aaaaattcag	acaggaagaa	119400
atgacagcga	agcaggagct	gaaatcattt	agaaattagg	aacaacgtcc	tagggtcagt	119460
caataactag	ggaagtagta	ggctatgtaa	tatgataaga	ttagagataa	gaaagctaag	119520
agatttgagg	tggacaatat	agagcatgga	gggagggaga	aagggaacaga	gaagaaaagc	119580
aggccggcag	gctttaagaa	agattttggc	atgacactga	ttcaacggta	tgttcattcca	119640
ttcttgctt	gctataaaga	aatacctgag	gctgggtgaa	ttataaagta	aagaggttca	119700
attggcttac	atttcctcaa	gcagtacagg	aaacatggtg	ctggcatata	cttctggtga	119760
ggcttacagt	catggcggaa	agcaaagagg	gagcaagcag	ttcacatggt	gagagaggaa	119820
gcaagagagt	gagcgggtgag	gtgccgtgct	cttttcaatg	accaggtctt	gcatgaactc	119880
aaagcaagaa	ctcactcatt	cccatgagga	tggcaccaag	tattcatgag	ggatctgccc	119940
ccatgatcta	atccccctcca	ccatgccccca	cctccaacac	agaatcacat	ttcaacatga	120000
gacttgagg	gagcaaaaat	ccaaactaca	tcaaattgat	acactcacat	ttgcattgaa	120060
tatcctagag	ttatgttatt	caaagatagt	atagttatag	acaaacctga	ataaatcatt	120120
gcattttgta	taaagttaca	gtttgccaaa	atgagattct	tcttccatca	gaaagtatca	120180
aggggccaat	aacatgctgc	ttcttttttt	tatagtga	taaacaagaa	aatccttaga	120240
aagggtgcaa	atgatactgc	agaaaaagga	atccaattta	cacgtagatg	gtctaggctt	120300
actttatgac	aataataaag	caagtatttt	ctctaggaaa	gagagcttaa	atctctgaag	120360
ggcagtggat	agctttataa	cgtataatac	tggctttatt	acccttttat	ggttttgcat	120420
cttctcttta	ctttgacaaa	agatcattca	gaagtgaact	tacttcaatg	atacctgcac	120480
agactttatg	cctacaaaag	taattcatag	tatttatcct	ggtgacaggt	cagaggagat	120540
gatcaaattt	ttttattttc	cctagttaag	ctatatttca	ttcttgatgc	cagagaagtt	120600
ttttttaatt	tcttggaat	caggaatggc	acttttggca	ggttctgcac	caatctgagc	120660
tcacagatgc	ccagaaattg	ctcaatggta	ctaagtctcc	taagtaattc	caattttgta	120720
gtgaaacaaa	ttctattttc	ttttggaata	aaatagagaa	acagggccag	gtagaatttc	120780
cctggagtaa	gtttcctttt	cgtgttttatg	aattatgtct	ttgcccattg	tgagcagtg	120840

caaggatgac	agcaggtggc	tcattttaca	aatcagtaaa	ccagaggaaa	ccttggtttg	120900
caaggaagtt	gagtgaggag	aaagaatatt	caaaaggaaa	agaatattaa	gtagaggatt	120960
tcaaggaatt	aagttcttgc	tcgttcttta	ctacaaatag	caatataata	aaaattgcaa	121020
taaacctccc	aggcacctaa	ctctatgcag	agtggatttc	gtggacttca	tctgaaatga	121080
caaactctca	taattaattc	aacaaatttc	aatgcacgac	ttacatgtgc	aggatattgt	121140
ctaggcactg	agactttaat	ggtgggatgt	ggcccacagg	ttccactctc	aggagactta	121200
cattctcaga	tgaccacaat	ctgcccccg	gtgagccgaa	ggtgtgactg	caagtgcacg	121260
gcactgaaat	tcctggtgtg	ataatcggag	actgcctctt	tagaggttgt	tggaggaggg	121320
atgaagcgct	tttagacttt	ggaacaaatt	tcttgaaagt	ctttggtgta	gtaacaccct	121380
agctctattc	tttgatagg	ttttacacaa	atttgagaat	ataatatatt	ctctgaaaat	121440
gattagaagt	taataatgaa	aatgtgcagg	atcctaagca	gaattgtaaa	gtttggaaat	121500
ataaattgct	cataaccaaa	tacctggctt	ctgcaagacc	gtgccagctt	aaggacactt	121560
tgtaccatag	aagtatatct	caggaacctt	ctcactgacc	agcatcttga	gttcaacgaa	121620
acctctctcc	tatccagtca	cagagctctt	cttcagtttc	ctgtaaagat	aaaggacttc	121680
tcccaaggcc	gttagctgtg	tcttgatgca	aaagagaatt	taaatttaaa	ttctttttat	121740
ttaaataaag	atcattctat	tcttacattt	tcttttatta	gtcaatctgt	tcaaataact	121800
gactttttat	tttattagtc	aattttttaa	aaatcttcca	tttcaaaata	tttgtctcct	121860
aaagcttata	gaaaaaggca	ggccaggcat	agtagctcat	gcctataatc	ccagcacttt	121920
gggagcccaa	ggtaggagga	ttacttaagc	ccaagaattc	gagaccagcc	taggcaacat	121980
agtgcagacg	tatctctacc	aaaaaaaaaa	aaaaagaaag	aaagaaagaa	agaaaagaaa	122040
aattagtcag	gcatagtggc	atgtgcctgt	agtcacagct	acttgggagg	ctgagatggg	122100
aggatcgctt	gagccacagg	ggttgaggct	gcaaagagct	ttgtttacac	tactgtactc	122160
tggcatggaa	gacagagtga	gacctgtgtg	caagaaagaa	aggaaggaag	gaaggaagga	122220
aggaaggaag	gaaggaagga	agggaggaag	gaaggaagga	aagaaggagg	aagggaaggg	122280
aagggaagaa	aggaaggaag	aggctacttg	agtttcactc	gggttacagg	attggcttca	122340
agagaaagat	agaaaaaata	ataatagact	cttgtaagtg	tctgaaagag	agaattaatc	122400
caaaagtact	ttaaacactc	tagaaatgca	aataataaaa	tgctgggtgtg	aacagttctt	122460
gtttggcttt	ggctggtatc	tttttcttaa	gcactccctt	ccggtttgct	gatagctctc	122520
tatctgcttt	gcctaggatg	acatccaagg	caggcagagt	atacaaggac	tcttcaggac	122580
agataattgc	atgtgcaaaa	gtagcttggg	ttcagagctt	cattttaacg	gttcgtaacc	122640
atattatcaa	tctgtaaaac	gcatagaaac	aaaagatgtc	aagagaaaaa	aacaggaaaa	122700
aaataacact	agcagacaga	ttcctcccta	caaagtcttg	tagtagaaac	caaaataata	122760
caaaaacctg	acaatagcca	tgtcattggg	ggcaagcgga	aagacaaggt	aatgaccag	122820
tagagccaga	ggaaaagaat	agaggtcagg	aagcacaag	ggctctgcag	agaggacgaa	122880
agacttcatt	ccagatgctc	aaagacagag	gatggtggtg	tcagcggggg	attcctgggc	122940
agcttaggga	ctaagcaagc	acagggtctt	ggtttactta	aaataaccagt	tatgcgaaaa	123000
acagaattgc	aggtgtctcc	acaggatgta	ttctcgcaca	ggttcctaag	taaataataga	123060
ggacagatag	atagagtga	caaaaaataa	acaaccctta	tccatacaga	cttaaaggct	123120
taaaaatgaa	tgagattttc	attgtgtggt	ttctacccat	ttagtgtggg	caagtgtgta	123180
tgtgtgtgtg	tgtttctttt	tctttagaat	tgacgggaaa	atgcatgatg	aaaaatgatg	123240
tttaaataac	caaattccta	tgtgtttcac	tggctgagag	cagagagaca	aggagggagg	123300
aatgagaag	gagggaaatc	gtgaagagtt	tgactaaaaa	ttgtcctctt	ccctcctcca	123360
atataatgca	tcaaaactaa	agaccagttt	ggagaggata	aagtttaggt	taaaaatgtg	123420
ctatatgcag	cccgtttctt	tctttcccag	gaactctttt	atgtccaact	gcacagtctc	123480
tatcttcttc	taatcctttt	cagtctcctt	gccttttgcc	cccacaggac	ctttggcaca	123540
ttgcctcttg	acctcaaaaa	atgaggagtt	cagagtttca	gggagatttt	gatgaaacca	123600
cctgctgttc	ttctctacca	ttttcccac	cactgaattc	aaatagaacg	gtagagggta	123660
taaatatgct	aatattctga	accacaccaa	atccccaact	cagcaattcc	tgtgagatag	123720
gacagttgta	gggatgggtt	tgagttaata	attctcccac	cactacccaa	ataggaatgg	123780
gattggaaga	gctttagagc	agacgtggat	tccaatctct	ctcatatgga	aaaagtgcaa	123840
aatccaaat	tctcaaaaga	ttagtgcact	tagtattgtg	ctttgtagtc	gagacacctc	123900

ttgattttct	cttacaaaa	ttggttttct	ttaattatgt	actggtaa	tctgaccaga	123960
aaactggaat	attttgttat	ctaaaatttc	gcttttataa	atccaacttt	tggacataca	124020
actccttagaa	gaaaggggtca	taccagtggtg	tcctgagata	gggcatcatt	tagcttgggg	124080
aatgaaataa	gacaagcaca	gcatggcatt	taagccatta	gtcctgatga	gacatattca	124140
cagttgggtca	aagcagggaa	gaaagcaggc	aagatagctg	aggaaccaca	gtgggtttgt	124200
tgttggtgtt	gttggtgttg	tttcaggttag	tagttccctg	tctgttttag	gtttcaaatt	124260
taatttggaa	aatgttttag	ttgactaaat	aaaagacaca	tgaattcacg	gatcatagaa	124320
aaagaaggaa	ctatagcaga	gttaaaatgt	ttgggtgtgtg	aaaataaatt	agtaatgaaa	124380
aaggaaatgc	ttattaggaa	ctttctatgt	accagctctt	ctcctaagtg	tattacatat	124440
acaaagttat	ttaaactctca	aaaagtctgt	gaggttgata	ctcttactcc	agctttacta	124500
ataaggaaac	tgagatccgg	aaagtttaac	ctgtgccagg	tgtcacagct	agcaaagggg	124560
cagagctccc	gtcagacccc	aaagcctgtg	tttattgtaa	aaccattatg	ctaggtgcca	124620
aaacaatgct	tggatatatg	aaagggaaaa	gaggtgatgt	tcttctaaga	aagccattag	124680
gaaattcctt	tgaactatca	ctgatgtagc	tcctaaat	cagaacccct	ctactctcta	124740
ttcttatgaa	tcatcaacgg	ttagcactac	gttgatgctc	taactacgac	ctctaactac	124800
gaaactgaat	cgcaccttca	gttggtttatg	acattgctct	tttttagaaa	cttattgtat	124860
taattatcta	ttgttgcat	ttaagaaaa	aaaatgtaag	agacttaata	ataaacatca	124920
atgctcttac	acagcttctg	tgaatcagga	atgtgggagc	ggcttggctg	gatggttcca	124980
gtttaaaatc	ttttatgagg	ttgcagccta	agatacagag	cagaccctac	attgttctaa	125040
gggacttact	agagtaggag	gatcctctcc	caagatggct	cactcacaag	gctggcaggt	125100
tggtgctggc	tgctaattgg	aggcctcaat	tccttgccat	gtggacctct	ccatggggct	125160
gcttgagtgt	cctcaccaca	tgcatggaaa	ctgagagcag	gtgatctgag	agaacaaggc	125220
agaagctgca	aagtttatta	ggatctagcc	tcagaaatca	cattctgtca	ttctgtaatc	125280
ccattgggta	cccaggtcag	ccatattcag	tgtgggaggg	agctgcacaa	aggtttggat	125340
accaggaggc	gagagtcact	ggagactgtg	ttggaggctg	actaccacac	ttactgtcag	125400
tttattaatg	atcctatttg	gtgactcgg	ctcatttttc	tgctttagg	caagaccaac	125460
agagagatga	aataaatgca	gtaaatgcat	tcagttataa	ttgcagtgga	caatctgccc	125520
ttgcatcttc	ccaggagagc	tagcgttga	ggagtctt	tggaactctca	actccggctca	125580
ttctattgcc	ctactgcttg	catcaaatgt	aggatttgtc	actaaacgtc	aggctcacca	125640
ggatagtcaa	acatcaggct	ctttgagcaa	aaagaaaaag	taatgtctag	ggctacccta	125700
catattcatt	cagttatctg	aaaaatattt	tttagatgcc	tactgatgga	tagagccatt	125760
gtctatgtgg	aatcttaggc	ataatgtacc	attaggaggg	ctcagtctgc	taattgtaga	125820
gattctttgc	tgaatgaac	tttagagata	gttaaataa	gtcaccactc	cttattacaa	125880
ataaaaaacat	tgaagtcctc	agaaaactaa	aacttgcttt	tgttacttgg	ttatgcctgt	125940
tctgctttga	cttctctcat	cgataaaatc	accatcaaaa	ccactgccta	aatgggtttt	126000
tagaggttct	ctctggattt	cattgctttt	cctctaccgt	agtaaccaga	tgaactattt	126060
gaatgaattg	tacctctt	cagagttcag	tccaagagtc	ataagtgtt	tatggacatc	126120
actctggtcc	ttctgtctta	gaaagaggaa	aatctaacta	aacctcaata	ctagcattga	126180
cctataacta	agtaaccact	ttctatctgg	ttagccaaca	tgtaagtta	gacaactgtc	126240
ctttccaaag	ggattgaagc	tgttgggtgc	ctgcacaagt	ggatgctgag	aaggggtaga	126300
atggaatgag	gtaaacagg	acttattgag	gacctactgt	actccagaca	gaatgctagc	126360
actttcacac	ctgggccaac	cctttaattt	ccaaaacgat	ggcatgaggt	gggaggcatg	126420
atgattatcc	catttttaca	aagagaaaa	tgagggtgat	ttgtccaaga	atggttgggg	126480
atcaagagac	atatttggga	tgtaaatcca	gatctgcctg	agcctgtatt	ctgaccact	126540
aagctgccc	aacaccactc	tgaactgact	tctcagtga	catgcctagc	tcatgcctgt	126600
gctctgtctc	ctctcattgt	cccttgttgc	tttggaaac	tgagggttaa	aaactctttt	126660
agctttatgt	ttgcatatat	gtgtatatgt	gtaaatgaac	agttttcaaa	tacattgtta	126720
tctccttaat	aacagtatcc	cttttaaat	tccccttccc	cacctatagg	gtggagtact	126780
atgctctgcc	cacaatgagc	tctgaagata	gtttttgttc	ttgtgacaga	ttttcaacca	126840
agccaccacc	cacctctcct	ccacctcaac	tcactaagt	ttctcttctg	ctgggtggaga	126900
aaaaaataaa	tcatttcgaa	ttttttaata	tcatgttatt	tccctccaaa	catgtatata	126960



ttgtgcttct	gcaaaaagtc	tttcttaacc	agtcaataca	tttgtctgct	ttagagttgt	127020
gatgacagta	attaatgtgg	aagctgaaaa	gtcagattta	ttatgactga	gagaagtctc	127080
tgcggataac	ctgtgtcttc	acttaatttc	accacagaag	tattttttta	ttctggaaat	127140
gttttttaaa	tgtaaacaca	ttataatcga	tgctgcttct	ttgtctttct	ctggaatttc	127200
caagacgacc	tttccctctt	tgttttctgt	tgtagtggct	ccacagctca	gtatcaacac	127260
gggaaagaga	ggcggtctta	agctgattac	atacgcggcc	acccctctaa	gggcgaaact	127320
gcattgctgt	cagtcttagg	aattcacaa	cttaacagca	gccatggctc	ttcagcagaa	127380
gccctgaggc	tcagttgcca	gctgatgacc	tttgatggga	taattttctag	ctttgctaag	127440
actgcaagag	gaacaagtga	gggggttagga	agcaagagtt	attcatgaag	ccactgtgtc	127500
tttattcaag	aacgttgaga	aacaaacctt	catggctatt	cttcgttaaa	taaagtagca	127560
tacccattta	aatttcaaaa	ttgttcaagt	cactcataaa	tcctcgaact	ttatcttttt	127620
catttaaaaa	tccttttttg	cctgatggtc	ttgtaaggaa	acaagtcatt	ctatgtctta	127680
aaatgattgt	ttcaagccaa	aataggcaca	tgagaacatt	ttaaacttca	ttgaacctcg	127740
aaagaatttt	caatatattga	ggagagaacc	cttcaattct	ttttttttta	aaggaactgg	127800
acaacaatat	gaatgtaata	gatccattag	cattgtgaga	aacaggtcac	taacccccct	127860
tttcattccc	acaacaccac	caaatacttt	tctggtttta	ataactgtta	gaaaggctctg	127920
ctcaaacaca	gaaaggagct	agtgttttca	caagcctctg	aaagaagagg	atgcattgca	127980
agatctttta	attcattgta	cagcaagaga	atgaaaaaga	atgtaagagg	aaagtggaca	128040
actacctgtt	tgacctatac	atataataga	tttgttacta	attagaatca	gtttgttttt	128100
tgttgtttgt	tttaccatct	tgaactttat	taggtttatg	attgtgcaat	agatctctag	128160
aactctttta	tcttgcaaaa	ctggaactcc	acattcattg	aacagcaact	ccgccctttc	128220
cctcccatcc	ttctctccct	cctggagtc	ctggcaacca	ccaattttac	tttctttcct	128280
atgaatttga	ctattctagg	tatctcatat	aagtgaatc	atacagtaaa	attattagaa	128340
ccaatttgga	tacaaataag	atttagatgt	acaaattgac	taatctggat	gtactaatat	128400
caagacaaac	aaatgaaaac	caagtatggc	cacatgatca	agaacacttg	cttggtctct	128460
attgcctcta	atagttttct	gtatgctcac	ttttgtgcaa	aagctgttta	aaatccagct	128520
taccgatacc	tattatccca	gcaaggacag	ggttgtgttg	ggcagtggaa	aatggtaaaa	128580
cctaactctg	aaggcccttg	gaccatttgt	tccaaaagca	aacaagttgg	aaagaatgtg	128640
agttttttat	attttatttt	aagttccagg	gtacatgtgc	aggacgtgca	ggtttgttac	128700
acaggtaac	atgtgccatg	gtggtttact	gcacctatcc	tcaataactt	aggtattaag	128760
ccctgcaatg	cattagctat	ttatcctgat	gttctccctc	cctccgtccc	cctccccccag	128820
tgggccctgg	tgtgtgttgt	tccccctcct	gtgtccacgt	gttctcattg	ttcagctccc	128880
acttataagt	gagaacatgt	ggtattttgg	tttctgttcc	tgcattagtt	tgctgaggat	128940
aatggcttcc	agctccatcc	gtgtccctgc	aaaggacgtg	atctcattcc	gttttatggc	129000
tgcatagtat	tccatggtgt	atatgtacca	tattttcttt	atccagtcta	tcattgatgg	129060
gcatttggtg	cgattccatg	tttttgctat	tgtaaatagt	gctgcaataa	acatactcgt	129120
gtatgtatct	attgtagata	gaatgattta	tattcctttg	ggtatataacc	ccgtaatggg	129180
attggttgat	caaattggtat	ttctggttct	agaactctga	ggaatcaaaa	tgtggttact	129240
tttttacctc	cgatctgtct	ttattgtaat	attaaaatca	aagacttgta	gagaatagcc	129300
taaaatccct	taaacaaagt	taaaaggcaa	ataatagtct	agaaaaaaaa	tttgcaatgt	129360
tcagtgtctaa	agtcaactat	tttccctggc	ttaaggagg	tttattctta	gcagttatga	129420
taatgacaaa	aaacatgata	tggaaatggga	atgagaagga	agctgtcaat	ggtttgggaa	129480
aatattttgc	taatgacttc	attgagagta	acataatgga	agttcatcct	gggggctgag	129540
tactgtacat	tctgcattac	tgaacctga	agtttgctta	ccgaaaatac	ttgcaggaag	129600
tagctactaa	ttaaataggc	attctccaag	aattggatga	aaattgaaaa	attcagaaaag	129660
catttacaaa	taatttgttt	aaatgtcttt	aataataat	tacatcttta	tagtcaaata	129720
gttctttaag	aaattctttc	attaagatca	ctacattgtg	catggtggat	atttttctgg	129780
gtgagttagt	attaactccg	tctttaagag	aattatttat	atatcataag	aaacaagaat	129840
cttatagtgc	atttgaagag	gccaactctg	aagaattagg	ctacattttt	agaaacatca	129900
ccaatcactg	aagtttttaga	atatataaga	acaagtattc	cttccaggaa	ggtaggaata	129960
ttacatttct	tctacttaca	tgtttttatta	ccaattcaca	cttaacattg	gtgaagtaag	130020

catgatcttt	catgtatcac	agaacttcatt	tccttgacaa	acgacttaat	tataatactt	130080
tattccacca	ctttttttga	gacaagatag	cagtatttga	aggcaatttg	agaagttggc	130140
aagcttacaa	atttatgagc	ttatgaaatt	tatgtgttac	attgatacaa	ctgacgtcat	130200
acatatctta	taagaactgc	cctaaacata	gacgtcatca	ttcataatga	attaatactt	130260
aaaggaaatt	taaaaaaaa	aaattcagct	aagagagtac	tgttttgata	tgaaataata	130320
taagacttta	taaggattgt	tgtttaaaaa	caagcaagtt	gttttttaaaa	ttagaatttt	130380
gcatgatata	tcaattagaa	tgctttgggt	tgaaatagaa	acttcagcct	aaactgtcct	130440
aggcaagcaa	caagacaatg	tctgggctca	caaagtataa	ttccagagaa	taaggaaagc	130500
atgctgcagt	tggggctgta	ctggagctcc	attaaggcca	cctgttctgt	ttccttccct	130560
atctcgcttg	gctttgcctg	ctgtggagag	ctccatattt	aggcatgttt	aggcccttgt	130620
gtttacaatg	tggctgctcc	agctccagct	tcacatcttc	acagcctgaa	gtcaatagac	130680
aacagagcac	tgacttcctc	cactgctcaa	acaacaaaac	ctctgaagtg	agtctcactg	130740
gccctgagtg	acctggcggt	gggcattgat	cagcctttta	aacaatcact	cttgctgaag	130800
ggaacagaag	agaggtgcac	tccagacagt	gtgctctatg	ggagagagga	ggaggtgcaa	130860
ctattcctgg	aagtacaagg	gatagcaaag	aggaaaaatt	atttcctcaa	aacaaaatca	130920
gggacagtta	caagaatagg	gtgcagctcc	tggaaaggaa	aaaggcaaat	agggcctcta	130980
gcgttaggat	gtaaggagta	aagctctaac	cttttttctg	gattaatata	aaatcttaga	131040
taagatgagg	gtgccaacta	aggagagcca	gtggggagca	ggtattagaa	aatgtatgcc	131100
acctaccaag	gaacaacaca	accaccctca	tccaaagcaa	agccataaga	ggccgggtga	131160
gatgggtcac	gcctgtaatc	ccagcacttt	gggaagccga	ggcgggcaga	tcaccaggtc	131220
aggagtttga	gaccagcctg	tccaacatag	tgaaatccca	tctctactga	aaatacaaaa	131280
aaattagcca	ggcctgtaat	cccagctact	caggagactg	aggcaggaga	attgtttgaa	131340
cccaggaggc	agaggttgca	gtgagccgag	attgtaccat	tgactccag	ccccagcaaa	131400
aatacgagac	tccgactcaa	aaaaaaaaag	ccataaaatc	cctgcaagca	atcaccagca	131460
cctcactctt	tttcatgggt	aatgtcactt	agatagtaga	aacttcgata	aattttaattt	131520
gatcatgtac	tctttatagt	atttacgctc	aggtgttttg	cgcagatcat	ttcactagtc	131580
ttcatgggat	tgctggttaa	caataaccacc	cattgtctgt	ttggtgtcag	tgaaggcttg	131640
tgtacctgct	tacatgtgta	aattcacctg	gcagctccta	agaagggttt	gtctagttct	131700
tattcaaaca	atgtgtaaag	gatcagaaaag	taaatgttgt	tccctttcat	caaacatgcc	131760
acagaaatta	attttgttta	tattttgtgt	aaactccatg	atcctgagta	tcattagcaa	131820
gttaaatcaa	aaatagctga	tatcttacca	ctactactat	atatcagaag	acatttgggc	131880
tttctttgca	gcctgttggt	tgtgtttatt	aacatctttg	attggcaaga	cattctgctt	131940
ctaggtacat	ttggttgag	ggatggtcag	agtgtaatct	attagccaca	tttcccaggc	132000
taaagtgggc	tgcattttaa	aataatcact	taacaaacat	aaaattacta	aggatggagc	132060
cccgaagcac	agacacctaa	gaatatcttc	ctttttcgag	gaatccttgg	tatgttgatt	132120
cactaatttc	tactcactta	gagcaatgtg	gtagacatag	ctgctatttt	ttaggccaat	132180
gtgtcgaact	cacactctca	taagcaagac	atggagtggg	aactgccagg	aagtctgggtg	132240
agatcatcga	aagccatggt	cctgctcttt	atggccctcc	cagggaggaa	gggtgggtgc	132300
ctgcagaagg	accaggcgcc	ttgactgcct	gagttaaattg	ccagtcccct	acctactagt	132360
tgtaaccttg	gaaaagctat	tcaacctctg	tactatgatg	acttcagcta	aaatggggga	132420
atgagtccta	cctcctccgt	tttgtaggca	cttaatgcat	ggttcctggc	ttataactctg	132480
tgcccagcaa	acgtaagctt	ctatcattag	cacctctgac	tactgcaca	gcattaggag	132540
actctgtgcc	ctggggagag	agtgaacccc	tccagctggg	ctttcagaac	actctatttg	132600
tctctgctgg	tggaggagga	ttagctagca	aagggaattc	tgggcatccc	tgacagcatc	132660
tggtagacag	tagggcctct	tagaggtttg	ttgaatgaat	gccaggaccc	tggctgaaag	132720
gtgcttctca	tccccagggt	atcaggcact	ttagaatag	tttcatacat	ttctttttta	132780
taacctcaac	cttgtcttct	atgaaataga	gttcgattgc	cagaaactgt	cattaaatat	132840
gcatgactct	gttaagagat	tttttttgaa	cagcttttgg	tttccaagag	tataccatat	132900
taaatagata	taaaaattct	taattctacc	ctcagcatga	gtgtgggcat	cttaggggta	132960
ccccagaagt	gtgaatcatt	caaggggatt	cgtcctcatg	actaagccat	cttctgacac	133020
taaagtccag	gtgtttacca	tttttaccac	aaagggggaa	acagcctgca	gaaacagtta	133080

ctatcctgcc	atatgtcagg	ggacactgag	gctaatatct	gcacgtttgg	aatgagagtg	133140
tgtgacatgc	agtgccttgc	acaatacagg	atgacggcaa	cttttgactt	tcaacttctc	133200
gctttcttca	ctcattttca	aattcctcag	agactgtcct	ttcagggccc	ttttaactgt	133260
gtgtctggaa	ctgaaacaga	agaaaaagag	aaaacagaaa	aataaaaaata	gaatagaaaa	133320
ttgaaaaaaa	agtaattttc	tcaagtttta	taacatttca	aatccttttt	tttttttttt	133380
agacggagtc	tcgctctttc	acccaggctg	tcgtgcagtg	gcgccatctc	ggctcactgc	133440
aggctccgcc	ccccggggtt	cacgccattc	ccctgcctca	gcctcccgcg	tagctgggac	133500
tacaggcacc	agccacctcg	ccctgctaatt	tttttgtact	tttagtagag	acgggggtttc	133560
accgtgttag	ccaggatgtc	aaatactttt	atactttttt	atatgtatac	tttttttttca	133620
aggaaaaagc	ctgcctttttg	ttttgtttgc	ttattggttt	ttacattttct	gttgccctttt	133680
tttttttttg	agccattaaag	ctcttgcctca	gacacatgct	tctcatcccg	tccttctatg	133740
caatgccatg	aacattaaac	ccttcagcag	ccgcgttcat	ttgcctgcag	tcagtgacta	133800
tcaatttggc	ttgagatttc	taggttaagt	gcagtaatgc	actaaggccg	ggccccctttc	133860
tggagatacc	agcctccagg	agtctgcccc	aggtagtcca	gaagttgagt	tggctctgaaa	133920
gcacctgtct	ggaaggcgag	ggggagtgact	tgctaattggt	atggagaggt	gcttggaaac	133980
aaagtgcagg	gcaaaaaatta	gacctatgaga	gaaagtagaa	agtcctgtca	tgtcaaacct	134040
tccaacacta	tagtcttttt	tcttttttgca	aagtttagct	tattttcttt	tttctttttt	134100
tttgtttttt	tgagacggag	tctccctctg	tcacccaggc	tgaagtgcaa	tgggtgcaatc	134160
ttggctcact	acaacctcct	cctcccagat	tcaagcaatt	ctcctacctc	agcctcccga	134220
gtagctggga	ttacagggtgc	ctgccaccat	gcctggctaa	tttttgtatt	tttagtggag	134280
atgggggtttc	accatgtttg	ccaagctggt	ctcgaactgc	tgaccttgtg	atctgcctggc	134340
ttcggcctcc	caaagtgtctg	ggattgcagg	cgtaagctac	cgtgccccagc	ctaactcatt	134400
ttcaaaaaca	agtgatatat	gccaggattg	aaccctgtag	ctggatcccg	tctagtgtcc	134460
agggtgcct	ttgaaaggac	agcagaggtc	catctgccag	tgaattcttc	ccactgctca	134520
gacactcgcc	tttgtcattc	gacctgctga	taggctgagg	gggtgcctc	tgagtggaaa	134580
taccttagcc	attgttcttg	gaaagaacaa	cttaaaagct	gagaaatggc	tttttagactg	134640
attgggaata	aagttggact	tccacaactt	tttacttttt	tttagtctac	cgaataaaaa	134700
tgatcttttt	gagaaaccag	ggctctgtga	aaaaggaaag	tcttttaag	atgaaagatc	134760
tcatgttatt	tgaaaaagac	atttagatgt	cctaataatt	ctcagattat	actatgatgt	134820
gcaaatatga	aaagatcttg	cgcttgga	ttgctaacta	gatatgtaga	tatgactgca	134880
aacaccaagg	gatgaggtag	ccagttcatt	ttattaaata	ttttacattt	gagttgaaga	134940
aatacccata	gaagagaaca	ttagcatcta	gacatccatt	cttctatttc	aaagtcaatg	135000
actaagcccc	tatgatgtac	caaattccag	gtggcctcta	gagggaaaaat	aactgtccga	135060
tatgctcagg	gcattcctcg	agtctcgggg	agggacaggg	aatttctacg	atttctacgg	135120
aagagaagta	agtgtgttca	tggcagtggg	agttgaaggg	aggcttcact	gaggtctgaa	135180
ctttcttagg	gtataaaaaat	ggtgtaacca	ttttggtgga	agtggagtgtg	gttgggcaga	135240
cagctgcagg	ttcatgagcc	cacaggtgtt	tttaataaca	gggctgttgt	ggggaacagg	135300
gaaaagacat	ggttaggccca	gcacctaaga	agattggtct	ggtacctggg	tgaatttaag	135360
ggtaattttca	ggattaacag	acagaaggca	aaaagaccat	tagaagccat	tacagtgatc	135420
tggaaaagta	attataaagg	catgaactgt	ggtagtgatg	aaagcaatgg	agaaaaggag	135480
acagaatcga	gaagtatttt	gatgataaaa	tcagcaggat	aggggattaa	tcagatctca	135540
tgagtggaga	aagtactggg	ataaatggaa	agagaggata	catatggcca	ccagattcat	135600
ctctctattc	ataaaaacgat	ggttgtgcca	ctgaatgaga	taaagacact	aataagacct	135660
taagtcaatt	ttctttctaa	cacaatgaca	cggattattt	tctacaaata	gagaacaaaa	135720
tactagagta	tctaataatt	gtaaggcact	tttgcattta	taaaatgttt	cactcattgt	135780
aagtcaattg	gtataattac	aatgctgaaa	gacaggcagg	gctattatat	tttatggacg	135840
agaaattatg	tttcacagag	gacatctact	tctcaaagtc	acacagctag	taagtgggag	135900
agcagaaact	cagattcaga	actcccttcc	aaatccatcc	ctccttccct	gtagcaaggc	135960
cagttctttt	ggtgaggagc	catctccctg	ccaggacaga	gacaagctgt	ttctgccttg	136020
gtgacagcgt	ttcctgcctt	cttgccccgg	tttctgtaac	tagcactgtg	cattggtgac	136080
catggtcagg	agtggatggt	cttgctgtag	gatcataatt	tagggctcca	cttgagatac	136140

atatgtgtta	taccttcttt	tccctcttgc	cacataaaat	ccacaaatgg	aaggccgatg	136200
aaaagtccct	ggagcaaagt	tactctttgt	aattttcaca	agacctgtca	aattcttagat	136260
gactgcaggc	atttcattaa	atgaagtcag	tagggactta	ctaattgcctc	tgttaacttc	136320
actctaaact	aacccaaatt	aacctggatc	tcaaaaatct	ggggtttcaa	taagaatttc	136380
taatcttgaa	agcttatagc	ctttcctata	tggcacagct	gaaagattcc	tgaaaacaga	136440
aatttaggaa	aagggaaaga	aacaagcaga	acataagtgt	gggtttggga	gaagcatgat	136500
ggagaatggt	ggagcaggaa	ggtggtggga	tttacaggga	agaaaggata	atgtctccag	136560
gcctatatat	taatttccca	ctaaattcaa	tcagatgtca	cagatggcat	ccacattaca	136620
cagaaatatg	aggttaaagc	aaattgatat	ggaatggccc	tgcttgtgag	accggaggac	136680
accccaacta	gtcttaacct	aggcaaaggc	aacatggcac	ttcccctgag	aagtatgatg	136740
gcaggtaagc	ctgccagtgt	cgctgaagga	acatgaaaga	gcatctaact	cccattctgtg	136800
gcacagctaa	aagattcaga	aaaaccgagg	cagtggaaat	agtgaaatgc	attctcacat	136860
ttcatccctt	tgggtttacc	ctagcatatg	atgttaggat	gagggactgt	aacaaatgca	136920
tcatatgtga	aagagaagga	agagaaagta	gaaacgaaag	acgtctgctt	ctaacagtga	136980
cattttttaa	gcaagcacag	taatctctga	acatgtattt	gaaagtacag	atttcttgtt	137040
caaatagggt	accacagaaa	cacagaacct	taaaatgctc	acaggtagaa	aagctcagga	137100
agaatgtcct	tgttttcaaa	tatttggttag	ggacaggaag	ccattaaata	agatatgtgg	137160
gtattgttag	tgtatgacat	atgggtaaat	aatgatgttt	gttttctaga	gtgggttacta	137220
caaaacttaa	cttcttaatt	aaaaaaagga	ataaagatgg	aaatggttta	agctcagaac	137280
tgtgaaggca	ccaatttgta	gatcactgaa	aatatttgat	cttccattct	ttctcaacac	137340
ttcatccaag	ctattgatgg	gaaggaactg	gagagggagt	ggaagaggaa	tatgaggaag	137400
gtgtgtcctt	acttaaaact	gaggcttact	gacctggaat	tatacathtt	ctttacagcg	137460
ctgtcattca	tttaaagggt	tggaggatag	gcatgtcccc	taacaccttc	ttcccagaga	137520
gctggtgaca	tacagttata	ttccattctt	cttcccatac	cttccctcatt	gacataactt	137580
ctggagggtca	ctactgtaag	accttgagag	ttctgcatac	gctgaagaat	attggggagg	137640
gcttcacagt	gtttaaatac	gtgggttatga	tggaaagcaga	agacatttct	tcacaacata	137700
tgcaacttac	tcactcgaga	aaattccctta	acccgagaca	gaactggcct	cagtgaaaat	137760
attcacagaa	catgaaggaa	actgctttgc	atcaagtgc	atgtgtgtcc	ccagtgtggt	137820
catgatggag	tgttctgtgg	tgtagcagaa	aggtacgaga	tatggcttcc	ttctccactt	137880
tgagaaacag	tgatttgggc	ttagccattt	cacctctccg	aatctgtttt	gacccccgag	137940
aaatggggat	accaacagtg	ctgccgagag	ttactggagg	atccaaatta	gaacaagtat	138000
gtgaaacctt	tgtacagtgt	aagtttgata	caaatgatat	tatcaattac	ttgaggcctc	138060
agcatcctca	attttaaaa	aagttgaata	cgatgacttc	tgaagtccat	tcgtgattcc	138120
tgaaaacaga	aatttaggaa	aagggaaaga	aatgagcaga	atgtaagtgt	gggtttggga	138180
gaagcgtgat	agaaaatgac	ggagcaggag	tgaagaggaa	ggtggtgaaa	ttaacaggga	138240
agagaggata	atgtctccag	gtctatatat	taatttccca	tgaaattcaa	tcaaattgtca	138300
tagatggcat	ccacattaca	cagaataatg	gggttaaagc	aaattaatat	gaaatggccc	138360
cgcttgtgag	accagaggac	accccaacta	gtcttaacct	aggcaaaaac	aacatgggac	138420
ttactatgac	acgcatgaca	aacttctatg	agtctgtggt	tctgtgagat	agagatttag	138480
caaccatcca	attaatgctt	cttattgatc	aaatcagact	atttggtttt	ttaattactc	138540
taaaaacacc	actgtatata	ttccataact	gcaaatatat	aaattaagcc	cctgggtttg	138600
tttttgttgt	tgttgttgtt	gtttatttct	tttaaattcc	agggtagacg	tgcaagatat	138660
gcaggtttgt	tacataggta	aacctgtgcc	atggtgggtt	gctgcaccta	tcattccatca	138720
ccgaggcatt	aaaccagca	tgcattggct	attttcccta	atgctctccc	caacccccac	138780
cctcccctca	cagaccttag	tgtgtgctgt	ttccctccct	gtatccatgt	gttctcattg	138840
ctcagctccc	acttataagt	gagaacatgc	agtgttttgt	tttctgttcc	tgcattagtt	138900
tgctgaggat	aatgggttcc	agcttcatcc	atgtccctgc	aaaggacatg	atcttgttct	138960
tttttatggc	tgcgtagtat	tccacaatgt	atatgtacca	catttccctt	atccagtcta	139020
tcactgatgg	gcatttgggt	tgattccatg	tctttagaag	ccctgatttt	ttttaatcat	139080
ctgtgttcaa	tacctttaca	tctttttttt	gacaaatagc	cacatcattt	aggaatcctt	139140
atagcccaat	tgattctcta	gactgtagca	tcctagcatc	actctgtgtt	ggcagtgggc	139200

cacaaatgga	tgacagatgt	gtcaagatgt	gaactacagg	tgtaccaaga	tatctacctg	139260
ctcagcctca	ggatggctgt	gcagttctgg	gatggccaga	gccccttgga	ctgtgagtgt	139320
cctcatctgc	ttatcccagt	gtgctgtata	taatcaatgt	cagtattttc	catgacagga	139380
aacactttga	ggatcatagt	ctaaactaat	caagtttatc	aaattatatt	catttcatgg	139440
tagttatgca	taaatcaaat	tggctaagg	gtttcgattt	acacattcat	gtttctcttt	139500
ctaaactttg	ctagttttatt	aataacttta	gagtttagta	attactataa	aatcagtttc	139560
acaagtctaa	gaatagtgtg	ttgtaatgta	ttaatttgag	tttttggaat	cctaatttga	139620
ggtataactg	agacatttat	acaaaacaaa	tgtttttttt	tgtttgtttt	tttgtttggt	139680
tttttttgag	atggagtctc	gttctgtcac	ccaggttgya	gtacagtgcc	acgatctcgg	139740
ctcactacaa	cctctacctc	ccgggttcag	gcgattctcc	tacctcagcc	tcctgagtag	139800
ctgggattac	aggcatgcgc	caccacagct	ggctaatttt	tgtattttta	gtagagatgg	139860
agtttcacca	tgttggtcag	gctggkctca	aactcctgat	ctcctgatcc	tcctgcctca	139920
gcctccaaaa	gtgctgggat	tataggggtg	agccaccaca	cctggcccaa	caaatcactt	139980
tttaaaattc	ctttaaagca	tagaaaacct	gtttctttaa	aaaatccytg	ctattcagtg	140040
aaggcagaat	tcctattttc	aactgaaaat	aaaagtccta	tttgcatgag	tgagaaagga	140100
aatggggaaa	atgcctgcag	atgaagacag	ataatcaagt	ttttcttatg	aatagacatg	140160
tgccaacatt	cctgtggagt	tgttttttagt	atcatctttg	katccaaact	acaattttac	140220
atttaggtaa	gaaaatatag	aatattttta	gcaatatttt	ctgaaaatac	tgaaattctt	140280
cttttggata	taaaatatga	aaatccatca	tttgggggtt	accmcttaac	ctctttcagg	140340
aaaactcagg	tagagtccag	gtagattgca	tgtgtgaaga	ttctaggctt	ttcattgktg	140400
ktgtttttta	aagaagctaa	agagcaattc	atggcataat	aaaatatact	tgaatcctaa	140460
aaaattataa	aaagataaag	gaattctttt	tttttttttt	tcatttctat	ggctcatgag	140520
agattcctaa	tattctttat	ttgaccocaga	aaccttaaac	tgcctaaaaat	attagttgag	140580
tttgagtagt	aatgtctggt	aagagaattt	cttgttccca	ctacctcta	tcaatttcat	140640
agcacttacc	atatgttatt	gtttgtccta	tttcaaatat	aaaccaaact	cttctggtct	140700
gacgttaaag	gccgtgttgt	cctaacattt	taaactataga	atggttgtag	aatgagaaaa	140760
aacagtaggg	ttagttagga	gatataattg	ggtaattgac	tacacatagc	aaaaaccaa	140820
atagggcctt	attgactaaa	ggttttattc	tctcaagtaa	ggaaaaattca	gagtcagggc	140880
atcaagactg	gaacattagc	cactagggac	ctgagcttct	tttctctctt	tactacatga	140940
tggagcattc	catctgtgag	aacttctcgt	ggctccaagt	ggctgcagaa	acgcacgtca	141000
tgacatgtga	caaatggaca	cccacactct	tttatttctt	ttgtctttgg	tttttggggt	141060
ttttttgttt	tgtttttgtt	tgttttttgg	tttgtttggt	tttgtttttt	ctttgagaca	141120
gagtttcgct	cttttcgccc	aggctggagt	gcaatggcac	aatcttggct	cactgcaacc	141180
tcacacctcc	aggttcaagc	aattctcctg	ccgcagttca	cgcacagctg	atgttttctt	141240
ttgttttggt	ttgttatggt	ttgtttggtc	tttttagtag	agacaggggt	tcacatggtt	141300
ggccaggctg	gtctccaact	cctgacctca	ggtgatccgc	ccacctcggc	ctcccaaagt	141360
gctgagatta	caggcgtgag	ccaccatgtc	cagcctccac	actgttttat	agaactgtcc	141420
cacacaatcc	tttcattacg	tgtcactgga	aagaaatcaa	ccttgtgggc	acatagagtt	141480
gctagggcaa	ctaagaaata	tcacctatag	ctggccactg	caaataaaaat	tgggatcttg	141540
ttctaaataa	agaagacaat	gaatgatgag	gtaggcaatt	agcaatttgc	atcacatcat	141600
ttaggactct	acaacagcaa	aaaaatgaaa	atgtaattgt	tttcaagaaa	tggtaacaga	141660
aatgagatga	gttcacagta	tggagaaaaat	agactgctgc	tatcagacaa	aataaaagttg	141720
tgcttatca	ttattgtatg	gaaaactatt	ttgtcctota	catttatccc	cgtggctcagg	141780
caaagctatg	attcaagctg	agggtgaattt	ccaggaatgc	agcacattct	gctgccctct	141840
cccgtgagt	cctacctaga	aaattacaag	ctttccagct	gctgtccaca	ggaaagatgc	141900
taaaattcca	taaagcagtc	cttttctatt	taaaattttg	cgtttcatgt	caagcacaaa	141960
tgcattttca	gtagtataat	caatctaact	tcctaattctg	tttttgtaaa	aagactttta	142020
aatgttaaaa	tcaacgtatc	ttcaaggctt	tccttaaatt	attaatcctt	gagtgattta	142080
ctctgagcta	ttttgtagac	atattgttac	caaaatcttg	ttcttcacat	actcttttaa	142140
aacataagag	tctattaaga	gtactctgag	caacatcata	atggtgctaa	aattattagg	142200
aaqcaqcatt	aacactttta	ctcactatat	tctcattact	cqggaagtca	ttacctcttt	142260

gtatTTTTac	tggTtggTgg	gtttgtgcag	aaagaataag	taaacctgaa	accaatatTC	142320
tagTtgtgtg	agTTTTgtga	aaagtagcaa	tgaaaaggTt	tgaaaccagt	gcagacacag	142380
ctttcctttg	cttgtctgtA	cattatatta	gcttatatat	ttttgccatc	tatatccatg	142440
aatgatcaag	ttgacaatta	taaaacaaca	agataaaaaat	ggaaaaataat	tgattttatca	142500
tggaaaatag	ctaccagcct	tggagtcaga	agacctgagt	ataatttcag	gttatgctttt	142560
ctcaagctac	tgtggcagga	ggaggTgggg	tggggTgggg	gaggactaat	aacacctgct	142620
ctaatttccc	atgtaagTtg	ttgtgaaaag	caaatttgat	gattttatacc	aaaatatTTT	142680
cctgaactgt	gatgcctTgt	gaacacagaa	ggaatcattt	tatccatgaa	agagcaaata	142740
tcttccccctg	ggatttgaga	tataagaaac	cacctaaGca	taggaaaaat	ctgggttcaca	142800
gttcaattat	tatcaatgtA	aggTcaggct	ttcagaagat	aactaaatat	gtgttagagg	142860
aaaatgctag	ttaggaaata	gttgtgcact	aaccaagTtg	gaaacgTttg	actttcatct	142920
accttgactg	gcgaaaatgg	ctctgtgggg	tttgttttca	tttgaaaaac	atgagcgctg	142980
cacaccactg	tgtTgttcag	ggtaatatca	actcacagag	agtatcacac	acaccccgag	143040
aagccctggg	gcctttcAAA	gtgtgcccgtc	tgctctagct	ttagagtGaa	gggagTtgcc	143100
aacacattttt	gaaagtgtat	tgtacgtagc	atagcatatg	actttccatt	caaaggcagg	143160
actcttttct	cattatctca	ctagtgcctg	atgaagtGcc	ttatacaggT	gctcaacaaa	143220
gggttgctga	atcaaaatgt	ttctcgaaGt	tagaataaat	ggaattgaac	aaattgcagg	143280
tagTgttaat	gcttagtcaa	atatctggaa	aaaaatctgt	taaatatgga	aaatggcaaa	143340
gcaggagtgc	ttggaactta	atccagctca	atcttctcta	agttcattta	tctaacaccc	143400
tcaaccagcc	agcaaaaaca	gggaaacaca	agcaaaagca	agcagaattc	taataaaccg	143460
atgatgcccc	cctacacaag	catttgctac	catgcccata	cacaaaggac	ttgagagaga	143520
ccctcacgtc	ttcattctta	ttttaaacat	ggatctaatt	aggtctaaca	agccacctcc	143580
tggTgtctcc	ctcatgtatt	attatagaag	ggagaaggTg	ggagaataact	ctccctagca	143640
cgTtagaaga	caagtgtaaa	catgccaatg	ataactagaa	atgatcactg	atagcaaagg	143700
aggtaaaaac	aatactatga	gaagcatcca	taaggaattt	caaacaatgt	tgatctggTg	143760
tcatTTatgt	attgggcaaa	ctgctttcca	catcccagta	tcacttagaa	aaagtcaaaa	143820
tcatagccta	gagcactttg	gatgttaact	tttttttttt	ttttttgatg	gagTctcact	143880
ctgtcgctca	agctagagtg	tgcagtggca	tgatctcggc	tcactgcato	ctctgcctcc	143940
tgggttcaaa	caatcctccc	acctcagcct	cccgagtagc	taggattaca	ggcatgcacc	144000
accatgcctc	gctgattttt	tttttttttt	tttgtatttt	tagtagagac	agggtttcac	144060
catgttggcc	aggctggTct	caaactcctg	acctcaagTt	atccacccac	cttggcctcc	144120
caaagtgtctg	ggattacagg	catgagccac	cgtgcccaga	cttggatgtt	aatattgagg	144180
accagagacc	aaaacaaaac	aaaacaaaac	aaaacagtga	catcatctgc	agtactcttt	144240
aaagaccagg	aatgtataa	ttaatgtttg	aaagtgcata	tgTtagattt	tgccacaatc	144300
cccaatgatt	gtcaccacct	ccccacacac	atacacacac	acaaaccaga	gaagtgaagg	144360
gaaccaacat	ccccaccag	ggctcccagg	agagcggaac	ttatacccac	cccacctggg	144420
gctcgaccct	atggcttgct	ttagccaatg	gcaggTcagc	agatgtgcca	gatgccctgt	144480
gtaagcagat	gttttgaaca	gcactcgag	tttccatcag	caatcctgct	cctgccatgg	144540
caatgccatg	cctcagccca	agtccTggag	tgagaagagc	cacagcttgg	agcagcatgg	144600
agccactgcc	ccctccatga	aacagcagga	gataaccctt	ttttttgttg	tgagctttaa	144660
agatttcctt	gtgcaaattc	cgtgtgcttt	aaaatatTTT	atttttatTT	gcttgtttta	144720
agTtggaaact	tttaaatagt	tcaagtaagg	cagcatggaa	attcatgtat	ctagagaccc	144780
tcttttcccc	tactgtgata	gataattgag	gtattactgt	gaatagcctc	agttaaaatt	144840
gcacttgaga	tggTgagaaa	acagccacaa	gcagccaaat	gcagtgtgtt	aactagattg	144900
tgccctctgc	acccacaag	ccaggatgcc	tggcctcatc	tccTtgaagt	tagggagaca	144960
agtccTgctg	gggTgggTt	gggaggggga	tctcagagga	tggaaTtttc	atggactggg	145020
gatattgaag	atgatgtcac	tcatTaaggT	gtgggttaag	gacagctttc	tgTttctgga	145080
aaagcaagca	ccccagtact	actcggagcc	tgagaatgac	tgactgcgtg	actatgcaca	145140
aattatttca	ccttctgcct	tgtcaccaag	gattaattaa	tatttgcaag	ttgtctcgcg	145200
actccacaat	gctaaataca	aatagaggag	acctcgaat	tcatggagct	gtgactcgtg	145260
gtcttgaata	ttcattttta	accatgccag	tgcactctct	caccagcaa	caactctttg	145320

ttttactgag	ttctgaggg	tccccttctg	tttggaaggt	gaaagggggg	ctgtacatgg	145380
tgtgtggctg	caatactgat	ggcctgtttt	gttctcctgg	ggagatactg	taaggcacag	145440
tggcagattc	acctgaagct	cattttttgcc	ccccaaaatt	tctccccatt	aattttttcca	145500
gtttgaaatt	ctctagggcat	acaagatctt	ttagagtgtg	aatgcacttc	aagagaaaaat	145560
acaaaaacag	aacacttatg	aaggaagact	ttgggtgtgg	gtcatcccca	ttctgccctt	145620
actgtgtaat	cttgaacaga	tccctaaact	tccctgaatc	tcagttttct	cattttaaaaa	145680
gaaaaaaaaa	tgagtgaaaa	tagttcctac	ttcattgggt	tgtggctatg	ataaagtga	145740
ctaattgacta	tgaaatgttt	aatattggca	catgatcaat	ggatattagc	aaaaattctt	145800
gcttcttgat	taagagttga	gtgtcatcca	cgtcttgga	attgtgggaa	tttggaact	145860
caggagaaca	aaaagaaaaa	ggtggaatgg	tgagggactt	ttggcagtc	cggggcagaa	145920
tggggctgta	ggatctgagg	aatgaaggag	gagctggcga	taaaatgagg	gggcgagggg	145980
aaaagggagc	aaaaagagag	aaggaaagaa	gaccagacat	gaaccctttc	ggttgtgcc	146040
agatcccggc	actagtcac	gtggtgctgg	aagtactcc	ctgaagtcag	gcaactggaa	146100
aactagggct	ccaaaactgt	ttcccttct	caactgggt	tcagaccacg	tgtcccaatt	146160
tggggttgct	gtgataagaa	ttgaggtaga	taaagtcatt	tggaaagttg	caaacatgac	146220
cttggcccaa	tttcagccca	ctgcacctgg	tccccatgat	tcatgcccc	cttttcagc	146280
tcactttgtg	tggccgcac	cctttcccta	ctctccaca	gtgtgggatg	aaggattcag	146340
ctcagcattc	ccagaggcac	ctaattgtcat	ggtgtcttta	ctatcatgg	ggtttgatac	146400
attttttgga	tcataattgt	taatcgattc	gaagtttgtt	tctactgca	actatattca	146460
cctgccactg	tctcaaagag	gaggctatag	gtgatgaaag	gcccacaggg	ggcgattggc	146520
agatacggct	gaacagaatt	ggtaaactga	gtcagggcct	tatgaaaaca	aaagccaagt	146580
aactcactct	gcctccttaa	tctctgggtga	taatttacct	taagatggaa	atttcagcct	146640
gggagtgttg	aacctatctt	taagcttagc	agttgttta	tgaacataac	aaactccagc	146700
attgctctgg	cccctgtcag	agtccgttac	ttcacatatg	tcaagaat	gagcaacctt	146760
actccttcag	acatggaaa	agagtacgta	gaaagagatg	ttagctgggt	atttgaaagc	146820
cactcaaaa	aacacttctg	gatacttggt	gaaggagggt	aaggctctcc	catggaaaac	146880
tccttcagtt	gttgatgcct	aggatagact	gtatgttggc	atgtttgcct	tcttggaac	146940
tctgggaagg	gtgatcgtaa	acagtcctgt	cagctacaaa	ataattggcg	attattttgt	147000
agatagaaaa	taatcctatc	ttgtaaatgc	ttagctgctt	cagcccatgc	gaaggctctga	147060
ggagtacgcc	ttcacggaag	agacttgcaa	cacctacttg	tctgggcttc	acttttctt	147120
tcgttagtg	tagtgggttg	atcgtgttac	tctagaccag	tactgtcagc	atcagcatca	147180
cctgggaact	tgctagaaat	gcaattttta	ggccgggtgc	ggtgggtcat	gcctgtaatc	147240
ccagcacttt	gagaggccaa	ggcgggtgga	tcacctgagg	ccaggagt	gagaccagcc	147300
tggccaacat	gctgaaacct	cgtctctcct	aaaaatacaa	aacttaactg	gacatgggtg	147360
tgcacacctg	taatcccagc	tactcagaag	gctgaggcag	gagaatcact	tgaaccaca	147420
aggtggaggt	tgcatgagc	tgagatcgcc	gccactgcac	tccagcctgg	gcaacaagag	147480
tgaactatg	tctcaaagaa	aaagcaattt	tataggtctc	atcccagaat	caaaaatgct	147540
ggagtaatta	acaagacctc	tagatgattc	tgatgaacct	ctactccacg	ttatgaatta	147600
agtacttgag	cctagggcct	ttatttaagg	gttgccttc	tcttgctag	ctcttttaaa	147660
gtgtccagta	ttctgaagtt	aggagccaag	tgtggtaaag	atgtttctt	tgggaagaaa	147720
agcttctca	aaatctaatt	gctagaagga	agtcagtaag	ttgtcaagga	attttaaaaa	147780
aatcagtact	aagattatga	ctctagcctg	gatcttcac	tttcttgcct	ggctttattc	147840
tccaataaaa	ctaattagca	atttaactat	gcaaattttg	gaagatttct	gatttgatt	147900
tagtccaaat	atgaaagtag	tggtagataa	ggacattttt	cttagtgaat	ttggaaagca	147960
ttgatttaca	gtagtccagt	agtcaaaatc	cctttgagcc	agatgggcat	taaatatgct	148020
ggcttgctat	ttgtgtaact	acagttttac	aggatttatt	gatccaatac	ttaaccaacc	148080
aatggccaca	ttaaaaacaa	tcccttccaa	ctctctccca	taattaccag	taaaccacca	148140
cataggtatg	ttctgtaaga	gatgatttag	gagatagata	gaaacaatct	tgaattattt	148200
aaatcgtttg	ttatgtaaaa	aaatgtagaa	ttattttgtg	tggctcagaa	gaatacagca	148260
tgactaagca	tctagaagag	aggggaaggc	agatttttgt	tcaataaaag	ggagaatttc	148320
ctaactctaa	atctcaccct	aaactaaaca	ggtggcctag	tgagtcctt	gttacctaca	148380



cagggacact	attcactgat	gagtgagagg	ttttattcat	taaaggttga	tggaggtgaa	148440
cttttaagat	ccctttcaga	ctcagagatt	ccacaagggtg	ttttccagaa	cacctccttc	148500
acattagctc	tccaaagtca	ggcttgctaa	cctcctttct	catatatgat	ctcttcctctg	148560
aagccatatt	ccaaggagaa	aaagcagaaa	gcagatggcc	tgcattgccag	agcatcattt	148620
ttgatgattt	cacaaaaaca	gtttatgatc	atttacattt	atcctttctgt	gtgtacttca	148680
aggatatgct	gtatgcaaga	gatcttgata	tggaggggcca	gacgcattgtc	aaatccaagc	148740
ctttgtgttt	tcaaccctga	ttgaaactaa	atacaattat	gaaacagaaa	caaagatcag	148800
agagaaccag	caaattaaga	aaacatctag	aagtccacca	ggactggagg	cctcagttaa	148860
ctttaggagc	cctggtaaac	tttgaggcca	gccagactta	gtagacttct	attaatgatg	148920
gcaactatta	atattttgaa	attgacaaat	gttgttctat	gacacatttc	atatttcacc	148980
atagcgagcc	aagggaaatgt	taggcttcag	attcacaaact	ttataaagca	ttttccaaat	149040
aaaccaagct	cctcactatt	gttggaata	gttgctgtgt	ttggctaata	cacccatcat	149100
tgaaaactgt	tttagtttcc	cctcaatttt	tatgcaaatt	ttatatatac	cctaatacag	149160
agaacatgag	tgcagtcttt	atttttgttt	ttccttaatt	aataaacatc	atctatcttc	149220
ctttctatgc	aggatgtttt	agtaagcttg	caaataattat	taaagattgc	ttttcttttt	149280
gaagactgag	atattaaaaat	cagcccaacc	ctgttgcaact	gtaatctcta	atatcacatc	149340
aggttttaat	aaacctcctt	tttgagcac	acatgtgctt	gagacttcat	ggaaaccaag	149400
tcagaagaga	gaagggatta	cttttagatga	ctttaaaata	tgcattgttt	gaaatggcct	149460
ctggtgacca	gctttcatga	atggctggct	ttacttgttg	ggcccatcat	ccagtttaat	149520
tatatcagct	cctttgtgtg	acaagtgtcg	ttcttgcata	tgctgagaaa	tgaaagttaa	149580
aaacaaagta	gagtaatgag	tgagaaaata	aattctggaa	gtggaacacc	cctgggtgtt	149640
tgtacggaag	aattctaagg	actggtccac	ctataaacat	ctatttatag	agatactcca	149700
cagtgcagct	aagtgtaaaat	ttgccttaaa	tgtccctgga	cctagatcat	aatatgtgcc	149760
ttttcaggaa	gatttatttt	acatataagt	aacactttag	gatgctaatt	tggctcttaa	149820
aattttcatt	ctataaattc	ttatgcataa	aacttcataa	aggttacttt	tttgaacat	149880
tagaataaaa	tgctaagttt	ttattagcta	aagtatttcc	caacttctgt	ccagccagta	149940
aactaacaca	gatgtcataa	agtttcaaga	cactacaggt	tcattatttg	aatctataaa	150000
tgttaggaaa	gttatggttt	tagaaatctc	ctgttgatc	tcttgagttg	ttagcctttc	150060
taaaaaaaaa	gaaaaagaaa	aaaagaaaaga	aagaaattgg	tgagtcgccg	tggctcacac	150120
ctgtaatect	agcacttttg	gaggccgagg	caggaggatc	atgaggtcag	tagatcgaga	150180
ccatcctggc	taacatgggtg	aaaccccgtc	ttactgaaa	atacagaaaa	ttagccaggc	150240
gtggtggcag	gcgctgtgg	tcccagctac	tcgggaggtc	gaggtaggag	aatggcgcca	150300
acctgggagg	eggagcttgc	ggtaagccga	gactgcgcca	ctgcactcca	gcctgggcca	150360
cagggcgaga	ttccatctca	aaaaaaaaaa	aaaaaaaaac	aaaaaaaaaa	aacttcatac	150420
ataaactgat	ctgcatttta	aagtttcctt	gaaaatgtct	ccaagcaaag	gcattggctt	150480
taataggata	tttgattttt	ttaaggttct	cctgtaagta	atacattttg	aaaaaaaaat	150540
acagctaate	tccataaatt	gccttgagct	aggaactaga	attgtctttt	gaaatgtgaa	150600
tgcctccttc	acactgtttc	ccagagcttt	ctttcctggg	cctctatctg	cctctgcggg	150660
aggccaaggg	aaggaggaag	gaacttgttt	ccccactctg	ctgtgttttag	ccctgcaaag	150720
aagttagaga	gcattatatt	ggcagtgaac	ttgatggcat	aggaagtagg	ccagtgggct	150780
gggcgtgggtg	gctcacgcct	gtaatcccag	cactttggga	ggccgggaca	ggcagatcac	150840
ttgaggtcag	gagttcgaga	ccagcctgcc	aatatgggtga	aagcccgctc	ctactaaaaa	150900
tataaaaaat	agccgggtgt	ggtggtgcat	acctgtaatc	ccagctactt	gggaggttga	150960
gaaaagagaa	tcacttgaac	ctgggaggca	taagttgcag	tgagccaaga	tcttgccact	151020
gcactccagc	ctaggcaaca	ggcaagactc	catctcaaaa	aaaaaaaaag	atgccaatgg	151080
ggttctcttg	actgcagctt	catttatata	gtaaagtcag	gtgttcctct	tcctacatac	151140
gactgtgaga	tagtatttctg	agaaatgatt	ttcagatggg	atatttatgt	ttcgaaacca	151200
tttctcgtag	tacaagatag	tgtttccaga	aatgccttca	aaacataaat	ataccatcta	151260
attgtctttt	taaaaatatt	tacttcaact	taaaatgtat	ctcaagaatt	gtggaacttt	151320
aaaaattttt	gcattgcgcc	agattatgta	catcaggaaa	acagactaaa	acgaaacatg	151380
tataaaaaat	ccccgaatct	gtcgaaagta	tatttttagt	gtctaagaat	gattgaactt	151440

tatactgtga	gaaagattat	gtttcttctg	tacttgagat	atgtgtctgt	gtgtgggtat	151500
atatatttat	acacatatct	taagtatgtg	tgtgggcata	tgcacgtgta	tgtgtgtgtg	151560
tggtatgtgc	atgtagagaa	agagaaagaa	atgggggtact	agtgaatgt	aatgtttgtg	151620
gcatagacat	tagtgctcag	caaacacttt	ggccactaa	attttccagt	gtccttgccg	151680
ttgagtgggg	ccacaagact	agtctcatcc	aatgaaatgt	tagaagtga	ctgggtcact	151740
tccaggttga	agccctgaaa	agctcctgca	caattcttga	gtttattctt	cccttgcttc	151800
ctgggtctagt	tattgcagca	acaggacaac	actgccccca	tcagtgtgca	tccatgcatg	151860
gctgggcaga	gcagagtctt	ctgccattct	atgtgtgact	tgcagtatga	gtgacaaata	151920
tgtttttatc	atatttggaa	tttctttgtt	attgcaacaa	actacttctg	ctgactaatg	151980
caatatctca	aggacttca	gtacaaataa	gccatagata	tataaaacca	aaggcaaatt	152040
taatgaaatt	taatgtaata	aaccttatat	tttaagacct	agctaagatg	cccaagacca	152100
catttttagtt	ctttttaaca	atatogetgc	ccttccccca	aaccttctt	atgttttttc	152160
atcaactttt	attttaagtc	caggggtaca	tgtgcaggat	gtgtagggtt	gttacacagg	152220
taaacgtgtg	tcatggtggc	ttgtgtgcaca	tgtcatccca	ttatctagg	attaagccca	152280
gcatccatta	gctattcttc	ctgatgctgt	ccctccccca	acctaaaga	acccccaca	152340
ggccccagcg	tgtgtgttct	ccccacatgg	gtccatgtgt	tctcatcatt	cacctccac	152400
ttataagtga	gaacatgtgc	tgtttgggtt	tctgttccca	cgtagttttg	ctgaggataa	152460
tggttccaa	gttcatccat	gtccctgcaa	aggacatgat	cttgttccct	tttategctg	152520
catagtattt	catgcaaact	cactttacct	gaagtttcca	atgcctcttc	ttttggaaat	152580
ccagttgtct	cttcgttctc	attctcttgg	atctcactgc	caccattgaa	accattgatc	152640
atttggacca	caattggtca	ccaatgacca	ttattagtcc	ctttagacac	tttgtaacat	152700
atgcttcagg	aatactgagt	tcttctggtg	gttttcataa	tatctagatc	actttgtttt	152760
cctttgtctt	gttaatttca	tctgaaagaa	gctggacaaa	ttttaatttg	gactttatgc	152820
attctctaaa	atgcccttcg	gaagcttgtt	tttatatggt	tttagtacct	gcttttatga	152880
ggcagagtct	caaaggcaca	tttctcactt	catccttctc	actcttcaac	cctcacttca	152940
tcttccccc	tcttcaactc	catctatatt	cttctctcct	gagaagacag	agagaaaacc	153000
tagaaaaact	aagtttattt	atctctatgt	tttgtaatgc	aacagattat	tgaaaaaatt	153060
caatatatat	atgaattaag	ccaaaaataa	aaatctgtcc	ctctccctca	ccatacacca	153120
gggataacca	gcactcacca	ctgtgtgaat	agatgagctt	tgaagattcc	ttccaatttc	153180
aagattcaca	gtgtgtgtgt	gcaggaggag	aggagaaagg	aagatctcat	catttagcca	153240
aatatttccc	cacaggtgtt	ccaggtcata	ggcatacact	tttcagctgt	cattgtttgt	153300
tggaagagga	tttattattg	gaggagaata	aaagtgttac	tacaccagga	ggggatgatt	153360
gtctatcttc	tttgccttga	gttgtagtaa	attagaccag	gaaacaggct	ttctggagat	153420
taacagtagg	tgaacttgcc	agctgtgggg	ttgttaaaag	aagaaattag	ctttttctgt	153480
gattcatgta	tcttataaa	aagatagcac	atcctgaagc	cttactctaa	agaaaagaag	153540
taatctctgg	gagactcaaa	agccaaaatt	aaggggaaag	ggccatgtta	actgatccta	153600
agaaatgtat	gtagacagca	atgtaggatg	ggaggatgag	atgtgggtac	cagcttcttg	153660
ctgggtgta	tctacttcgc	ttgcctctga	caataatcta	agcgtgttct	ggctaaattc	153720
agcttcgcat	aactgcataa	tctccccctg	ccctgctgtt	tcaactgctt	atgggtgtccc	153780
ttttttctct	ggcctaacta	taaagtgcc	ttgctttgta	ctagaaataa	ttcttctgcc	153840
ccatccaaga	gaggtttatt	tctgtggcga	gtgggttgtt	ctgacctgt	cccttgcata	153900
cttcagatgc	atgggcatct	atttgtaaaa	ttttgtgtta	tccttgggta	ataaaaaaca	153960
cagaatttta	tactcatca	acaactttta	tctgagacca	ggcatttaga	actgaggaca	154020
gtttcaaggc	tttaaggaaa	aaaagtaaat	gagaagcttg	tgactagggc	cagacctaca	154080
gccttaaatg	tgagagtctg	ggcttaacta	tagaacaagg	tacactctaa	gccagcaatt	154140
ctcaaaccct	ttggttgtct	cagtatccct	ttatataatt	aaaatttatt	gaagaccctt	154200
gccccaacag	tttttatgtg	gattataatt	attaatactt	acaagtga	actgagaaaa	154260
ttttcaaata	tttgattctt	ttgaaaaata	taaatctatt	atatgttaac	ctaaatgata	154320
tattttatta	aaaaaaacta	tactttccaa	acaaaaaat	tgtgaataaa	ttatgaattc	154380
attttacatt	tttgcaaact	tcttttaagt	ttatctgaaa	agaaggaagt	cgaattctta	154440
tttctgcttc	tacattcagt	ctgttgaat	acactgttct	ggctgaagta	cagtaataaa	154500

atccagaatc	acatgaataa	gtagttggaa	agtagaagca	ttttaatagc	tttttcagat	154560
acttatagat	atcttctgat	actacaacaa	aacttggcaa	gtgataattc	attaaagggt	154620
agttgtatta	agaaatctga	agccatatca	atgaactttt	cattctgtta	caatagaatc	154680
cattgggtcat	cttgtacttc	aaatgcattt	tttattcatg	taagattttg	tagcactgtg	154740
attattttggg	aaatttgggt	cactgaacta	tgccaatatt	ctaaatggtg	actcatttca	154800
ttttacaata	tcaaaaaata	acattttgtt	acatcactac	cattgtcatc	agaaaaagtt	154860
ttactttattg	ggagtctgcc	aagtgtagta	tacaagtttt	ccagaattct	aatttttaact	154920
tgaaaggtag	atcttctatca	ttggtaacaa	acactgtcaa	ttgtttccct	tgaaatgata	154980
ggctcatttc	attcattatt	tgagaaaatg	tctgccaaat	atccaagtct	aaaaaattct	155040
tttaagtaaa	agtagtgttt	cattttttgt	ttgtttgttt	gttttaaagcc	acttttagctt	155100
gcagctcagc	caccttcatg	cttttccctca	agacagccat	catactcccc	cagccaccaa	155160
gggactttgt	gtgaacctct	tatctcagaa	aacacaacag	tgaaaagaaa	agatgtgtac	155220
tcaagggtcaa	ggtttaataa	aattagtggg	tttactgctt	catcttaagt	gaagctgggt	155280
tttttttgtt	gttgtttttg	tttgtttgtt	tgtttttact	atatgtgaag	cttctatcat	155340
tcatgctaag	acaaaagcgg	aaagcgggtt	tacctactat	tgcttttatg	ccatctgtag	155400
aaatgtcagc	gcagtgaaga	aagcaaataa	tgtgtcagta	ttcttatcaa	aatagttctg	155460
acctcatgaa	cctctcaaaa	gggtcacagg	gtcctccaaa	cgtcccaaac	tatactttgg	155520
acattgctgc	tgtggacaaa	agcaagggtc	ttttgatata	ttggccacca	tcccctctag	155580
agacctagca	ccaagctgcc	cagccaaagt	ggggattggg	gaagacagag	gtccccttaa	155640
acctttggga	gcaacagggc	ttcagtttag	attgggggat	tgtggaacaa	acatatgtga	155700
cctaaacttc	ctatccagtt	ggctggacat	cctgccagtc	tttttttttt	ttcttttaca	155760
tgtgacttga	aacatttaat	gccactttta	tagtttggtt	tgacggccct	aagccaccct	155820
aaacaaagtc	ttgtaaactt	tccacaccaa	ttgaccataa	ctacaactgc	tgttttcatt	155880
ttatggcttg	gagtaaaagc	aacttatatc	ctggtcctga	ctggtgaaga	atagaacact	155940
gttcttcaaa	ctcactctgt	atgtataaga	aaaacctttc	tgcatctctt	tcattttcta	156000
ctcttttctca	agataaattg	ttagtctcta	aggactcttg	ttgtccccc	caaagtatcc	156060
aattcaaaca	ttgcatcctt	gtctcttctg	tcaagctccg	cattttgtct	gtcaggactt	156120
ttttcccttc	tttacttctt	ttccttctag	agctggaaac	caggcagtta	agaggatgac	156180
aggcttttaa	aggctatttt	tgaataaaga	attgtctgtg	tgcaagtgtt	ctagagtggc	156240
atgttttgtg	tgtttttagtg	aaggaagggt	agatagagag	aggactcgtg	ctggccagac	156300
tagtcaaaaa	attcaatttt	cttgaccact	taatgtatat	cgttgtagg	atgaattccc	156360
tgaattgaat	gttggtgggt	gtgggaagaa	gctgaccaa	agttccaaag	ttctagttag	156420
acaggaggaa	taaacattaa	agatctgttg	cccagcaagg	tgaccacagt	taataacaat	156480
gaattaattg	tatgtttcaa	aaatgctaac	agaatagatt	cttaaagtgt	atcactacaa	156540
aaaaaatgat	aagcatgtga	ggagatagac	atgttaatta	gcttgatata	atcattccac	156600
aatgtacaca	tatatcaaaa	catcaaattg	aacctgttaa	atatatacaa	ttatcatttg	156660
tcaataaaaa	taaaaatttt	aattaaaaaa	ataagataca	ctgtggcaga	aaaaaatgta	156720
gatcttttct	gcacctttca	ttcaccagaa	aggaagttca	tttcatagga	aaaaaccact	156780
ctctcttttc	catattagga	aatgattttt	gatgtagttt	atacaaagg	atcattaaag	156840
ctaatttgct	ttttcctaaa	ggaagaagta	aagtaaataa	gataaagaaa	agaataacta	156900
gcaatgttga	ttgggttcca	gcaaagggtt	tcagcatctg	aattgtcaag	aactttcagc	156960
ttcttgtatt	gctgattatt	taaactcaaa	tgccactgtt	tgtctaacgc	agtgagcctg	157020
taactgttcc	tacctggttg	ctaccatcag	caggggttca	tttacagtat	agtggatgca	157080
caaaggccct	cttcacaaac	tctcccttca	cacacctctg	caggccttga	gaggtgagca	157140
aagtttttgc	tacttaagga	accaacctct	aagaaatttc	tgtatttaac	tatttagcct	157200
gacctatgct	ttgtgagaac	aagccattgt	ttatcatttt	attactttag	ttttcctgtc	157260
ccttcatgcc	tgtatcaggt	ttctcacgat	ttaaaacaaa	tgacacagaa	ccaaacagtc	157320
agtgacagaat	aattgcaggc	tttcagtgtt	cagcatgtac	agcaatcact	gtggaatcac	157380
cctgcgttat	taagaagaaa	gcaccaaate	ttacattagt	gacttctaca	gggctgcgtt	157440
atcaattgga	gctgtcttgt	ttgttgcaga	taatgtagtc	aggactgcct	ggctgcagac	157500
actagagttt	tgtttaaaaa	cagattttct	cttgtctctt	tctctctctt	gcagtataat	157560

tacaggctgc	agagtgaaaa	gcattagaac	tgtttacaaa	acagtcata	aagtttaaaa	157620
taatggggat	acgtgtgtgt	gtttgtgtaa	aacaaaataa	tgtgtatggt	aggggtaaac	157680
aatatccagt	ctttcttctt	tcactacccc	ctgtcacctt	ccagaattaa	gggcatgaag	157740
ttgagagatg	gagccctttc	ctcctgctat	gcgatgctta	cacttaatta	gttatgccta	157800
cttatccaat	gccagtttat	tgttgcagat	caaaatacag	attctcaggt	gtatggggac	157860
tgagtggctg	atgaaacaga	ctgetatcta	attaatttta	gggcagccta	aattcccata	157920
aagatgttcc	ctcatgacat	atgagaggaa	gattttatct	ttttaatgag	ccctttgcta	157980
tctttccaag	agaaaagctt	tcagcaggtt	agtgttccaa	agtgagaggg	gcatttttcc	158040
aaccctttca	aaagcctcct	tctgtgcagc	tttgcaaaga	ttttgcagct	cgcccttctg	158100
gattttatct	atttattttt	taatgcggaa	gggtagccgc	tgactccagc	ctcggggcca	158160
atcaatcatt	ttgctttgca	ggtttaagat	ctgtgacaaa	gcgaaacccc	tgtgctatct	158220
gtgccttacc	agtctcacca	acaataagcc	tggtgactga	caatcgagag	ggggctctgt	158280
ccacgtaggt	gccggcacaa	gctgaggaca	tgagtgggac	agaggaacca	gccttgcacg	158340
gaggaagcac	cttttcttct	tggtgattga	ttgatggggg	acagtgagga	ggttttcaga	158400
gactggaaaa	aattgtccca	gtcacttact	atgaagtctt	tgtcagcaga	aaagactctc	158460
cggggtagag	aatgatataa	tgcatatgac	aaatgacagg	tgtgtgtttc	gttctgcttg	158520
ctaggtactc	agtatcacac	gcaggtgagt	cagcgtctcc	caacatgccc	cttgcccat	158580
ctgctcccca	catgcaaaca	ctcgttccca	acgctctgtg	gtttccctgg	cactgctggc	158640
tcttccta	cgatcgtcag	ctctgtttgg	gatgtgtaaa	gtactgtcag	agtgtgagca	158700
gggtgatacc	ttaccacctt	tttatggagc	tgattatgaa	atgaagatag	catttgaatc	158760
atttgtagc	agttctgaaa	gttggttctt	tctgttcttc	ccttttgagg	cacagaagaa	158820
aaaatatatg	taatatatac	acatataata	tgctgttgca	agagactact	tcagatcgaa	158880
aatctgtttt	taaaatcatt	gactgatatt	tcttttgtat	ttttttctcc	cccttcagg	158940
accctatctg	cagatgttct	gaatacctct	gagaatagag	attgattatt	caaccaggat	159000
acctaattca	aggtatttag	tctcgtcaga	aagcttttac	atttgagctc	tgtgttggaa	159060
attctatctt	ggcaatgaat	tgaaatagga	aaagttggaa	tgagaataaa	ggacaaaagt	159120
gaatttgcaa	aataatcaag	tgcttaaaaa	actaccagc	acttgtgagg	gtttgctatt	159180
tctgactcat	gtgcaacctt	gtctctgcca	gcttatgtgc	caatactgac	ttattttag	159240
ccctttctct	gcaactgtgc	ttggagtttg	gatttcattt	tagtctcacc	gtctccgttt	159300
ttctctgact	gccagaact	ccagaaatca	ggagacggag	acattttgtc	agttttgcaa	159360
cattggacca	aatacaatga	agtattcttg	ctgtgctctg	gttttggtctg	tcctgggcac	159420
agaattgctg	ggaagcctct	gttcgactgt	cagatccccg	aggttcagag	gacggataca	159480
gcaggaacga	aaaaacatcc	gacccaacat	tattcttgtg	cttaccgatg	atcaagatgt	159540
ggagctgggt	gagacactgg	actcttcact	tgtagtctc	ttttgttcag	atgatttctc	159600
gagtctcagg	attatcagga	gacattctga	ggctttgcac	ttaattattg	cacattaacc	159660
aacaccctag	tttacgcaat	gaacttgtat	tgaccataag	gcatttggtt	tgtgtttcag	159720
cattactttt	ctgatgttat	gcttttgaaa	tggtcgggga	aggggcctgg	gggagtagga	159780
caatggagaa	agagggtcag	cactgaagac	tgtagaagga	aaggattgaa	agccctcagt	159840
taagacattg	taaaaatatt	tgggcaaagt	tgtttcaaag	agtatgagga	tgtgactgta	159900
attttatgca	atggatatga	atatagactg	atactaaagg	aactttcagt	ggttatttagt	159960
attagagtgg	attacttatt	cacagtttgt	tatagtaatt	gttaggtaat	tcaaagttagc	160020
agtgttctat	atgtcttttg	gtagagaatc	cacttactac	taccttagat	atgatgcttt	160080
tttatttagc	ttgcctaggc	taagcgtaga	gcaccagaa	agcctgcaa	aatctagtga	160140
ttctaactta	ccttctatat	cacctgactg	ggtttcttac	cttctcaccg	tcttcaatgg	160200
cccagcccta	cgtcttgggt	cataagccaa	gggccaattc	ttctagtcca	cctagtgcaa	160260
ggcagataga	aagcttgccc	ctagaagttg	tcactaccac	tcctcatttc	ttttcctgaa	160320
cccaaattcc	ttgctctcag	gcacaccca	gctgtgctta	gccatcacat	tcaacctgac	160380
tggtagtgtg	atcttctagc	agagcatgct	gggcttcttt	accgagctcc	tgaggctcag	160440
gttcttgagg	ataaaactct	tcacgctggc	acttggtctc	catggaaggg	gactttgctt	160500
tcccacttga	aaccagacgg	tgagatccca	gtaaagttaa	ttccttgggg	tcagctggaa	160560
gcaaatgcgc	taaaaagcca	gcagatgtca	ttattgctga	cgttggtttg	aggagtcaac	160620

ccaacttttt	ttttttttta	acaaggggat	tgatttttcag	gcgacaggcc	aaaatgaaag	160680
gtgtcacaca	tacatgagtg	tgtattttagc	acatatgatg	ttagtatgta	tgtaagtggg	160740
ggtttaaagt	ttttcattca	cttacagagc	aagtaatttt	agctttttta	gagccttggt	160800
gggtccatttc	aagtttagttt	agtgcctaata	gtgttaataag	cacagtctct	gcatgaggat	160860
tgcaatgtta	aacatatcct	tgccctctgc	ttgacctcac	acctgaactc	accttcctta	160920
atatctcacc	catccatcgc	ttttgctaca	gctgagatct	ctggatcctc	tcactcttcc	160980
cagtttttcc	ctcaccgggt	tgtcacctgg	cctgcctgcc	tcctctagtc	ttggcctctc	161040
ttgcccaccc	ttcactcaat	tgccagagtt	atctttcaag	tatctctctg	atcagatcac	161100
ttttctgctt	aagtccttcc	tgtgggtttcc	ctttgccatg	agattatgcc	cttctcctct	161160
gtggggcaaat	gagttctgag	ccttgccggcc	cctgcctgtc	cccaaggctg	tttcccttcc	161220
ctccactttc	actctgtgct	tcataaacac	aattgccatc	tccccaagg	tgtctgggtg	161280
cttcaccccc	ctcgcctcta	tccatgcctt	tgcacatctc	atccccctctg	ccttttccctc	161340
tttccccacc	tggagaaacc	ctacctgttc	ttcataaccc	agttcatgtc	atgcgcttgg	161400
tgttcccaaa	acaaaaccac	cctcccctcc	agcagcattg	atggaaacttt	cctttgcacc	161460
ccgagaacac	gactccagca	tgggtgctcat	tccaccatag	ccttccatgc	ctgtcccttc	161520
cacttgacca	agatcaacca	gagagcaagg	gtgtgtttta	tggtgcaactc	ctcatgcact	161580
cctagtgcct	gggaatatag	tgggcactaa	actaacttga	aatggaccca	taaggctcta	161640
aacaagctaa	aattcccaga	aataaatata	agtattcatc	atcatctacc	tcttcaatat	161700
acagcactgt	ctttaaaata	tattaagaaa	ttgctcataa	ctttcttttt	taacagaatt	161760
caaattttca	gccttgtcct	atagttcatt	tattcatcca	gtaaatattt	tctgagcagt	161820
taccaagtat	tgcttctgt	tggaggcctg	tgactatcat	ggtgaagggt	tatagaccag	161880
gctcagccaa	cccagatatt	tcctacatat	ttgcctttaa	ctccttcctt	gattttctag	161940
ccagataaca	tgctaagaac	tagctcattg	gctgggtgtg	gtcattctcg	cctataatcc	162000
cagcacttcg	ggaggctgag	gcaggcggat	cacctgaggt	caggagttca	agaccagcct	162060
ggccaacata	gtgaaacccc	gtctgtacta	acagtacaaa	aattagccag	gcatgggtgg	162120
aggcacctgt	aatcccagct	actctggagg	ctgaggcagg	agaattgctt	gaccctgtgag	162180
gcagagggtg	cagtgcgctg	agatcacacc	attgcactcc	agcctgggct	acagagcgag	162240
actccatttc	aaaacaaaaa	aagaactagc	ttgtttaact	ctcacagtaa	ctctaggaag	162300
tagttactat	tctctcttta	atttaggtat	gagaaaaatg	aggtcagag	aagtcatgta	162360
gcttgtgggt	agcaagtaaa	ttgtgaaacc	cagacctgta	ttagatctga	gtctccacag	162420
ctacgtattt	aacctgtgc	ccttccatta	atcagccatc	tacaaataat	tattaagcac	162480
ctcctaaaaa	caatcggcaa	attcataata	ttttaggttc	tgggagagag	ggaacagaag	162540
caaaagatag	gccactggca	aaaacaaaaa	gactaggaac	cacagtgaac	tgtgggttgg	162600
aggtccagaa	aagacctcct	ttcttggcag	aaaagtcatg	ctctcggtag	tgggtcccg	162660
ttgatggaga	cttttccctca	tttttctgta	atgtgctcat	aatccttcta	gaacattatt	162720
gctctagatt	ttgggtgttg	gttgttttgt	ttttgttttt	ttacctctt	aaccttttt	162780
aagtgtacaa	ttcagtaactg	ttaagtacat	ttacattggt	gtgtaaccca	tctccagaac	162840
tctttccatc	ttacaaaagt	aaaaccctat	acctattaaa	cagcaactcc	cgtttctctc	162900
tccttcaatc	ctggcaacta	tcattctact	ttctgtctct	gtggatttga	ctactctagg	162960
tatcttatat	gggtgaaatc	atacagcatt	tatcttttta	tgactggctt	attttactta	163020
ccctcatgtc	ctcaaggctc	atccatgttg	taacatgtgt	cagagtgtcc	ttccttttta	163080
atgctgaata	acttttcatt	gcataatatgt	accacatttt	tttaacccat	tcactccactg	163140
ttggaaatth	gagttgcttc	ctccttttcc	ctattgtgga	taatgctgct	gtgaacatgg	163200
gtgtacaaag	agctcttcga	gaccttgctt	ttagttatth	tggagctata	ccagaagtg	163260
gaattgctgg	atcatatgat	actcttattt	ttattatth	gaggaaccac	cttactgttc	163320
tccatagcaa	ctcaccttgt	tacgttccct	ccaactgagc	acaagtgtca	taatttttcc	163380
acatccatgc	ccacacttgt	tattttctgg	ttttgttttt	aatagtagcc	atcctaattg	163440
gcatgaagtg	ttatctcatt	gtcactttga	tatgggttagg	ttttgttttg	ttttttactc	163500
cagtgaatt	ttctttgcca	agtgtcttaa	taaatcttca	cctaattgcaa	acctttttgc	163560
acctgtaatg	ctgtaggcaa	ttttggctac	tgtgcctcca	aaaagaaagt	aacagactta	163620
gtaaagactt	agaagaacaa	ttatgaaaaa	tctaatagaa	tacttttctc	actgggaaa	163680



gtcggagtgg	ggagcgctat	tagaagctcc	attttacaga	tgagaaacac	aaacccaaaa	166800
aggataaatg	acttgctcag	gctaagctgt	ggcaaaatcc	aatgttttc	ccacatgttc	166860
aagtctaggg	ctctttccct	tctcatcttt	atcatcctca	ccctgcctt	gtgaatctga	166920
ttatgagtgt	tcagctttac	aattcatatc	attcctatga	aataattggt	gtaataactg	166980
agaatcagca	ccgtttgcat	ttcaggcacc	caaggcctga	aacctacaga	agtgaagagc	167040
ttcagcttaa	aacaaaactg	agcccttcca	cttatcggac	agacattgtc	ctgtccactg	167100
ctctcaacag	ctgtgaataa	ataactatga	gttttattac	agaatcattt	ttagtaaggt	167160
ttgccataa	aaaaatcaat	ggcacaatca	cagtgggaat	atatacaggg	taaggcagtg	167220
ttattgactg	acattaatca	ttgcacagcc	attaaaaggt	gctcgatgct	ttccttactg	167280
gtacacacta	acacagtggg	gtgaagagat	tcagattcct	gcacaccgtc	atctgtctct	167340
accagagaa	tccatagaga	tcagaggcaa	caattaacgc	caccatggca	gtcagcagct	167400
aaagacagac	agatccacag	cccactcatg	cctcatctgt	gcctgagcca	ctgagaccat	167460
ttcagccttg	aggggagggt	aggagacagg	tgtaaatgtc	agtcagtatc	tcctctaaga	167520
ggcgagaaga	atcaaaagat	gagagtgcag	aaagagagac	ctatcgcgac	tgcaagcaga	167580
cgtcaattct	gtttctcatc	ttgaaaatgt	caatgtcaca	gccagcatto	agcctagata	167640
gagctcaaga	gcatgggtctc	tgggaagact	gcctgcattt	acttctgggt	tctgctactg	167700
agggctctgtg	tggccctagg	cacagcatga	tttagccttc	tgcacctcca	tttcattatc	167760
tgtgatatag	gaataatagc	tactagcacc	caccacaaag	gattattgtc	tggatcaa	167820
taattgctca	tgtgaagcac	ttagaagaga	acctggctga	gagtaagtag	aaaatcgatg	167880
tttctttttc	ctgtctacaa	tataccttat	agtcttgcca	gtgatctaag	ccacctagat	167940
cactcaaaat	taggcaccca	ctacagtctc	ttccagctct	aggettccct	gattctgtgt	168000
ccaacctaga	atactttttc	aggtgagatt	cactgagagg	cagcttcggc	ttcaccagg	168060
tttcattaga	aacacaaatt	ctcaggcccc	atcctggact	tactaagcca	gtatcttggg	168120
gtgggtacag	gattctaggg	cttattatgc	ccttcagggtg	atTTTTTaaa	gttggacaag	168180
cattgtctca	gaatctcttt	actgagaacc	ttcaagccag	attcccaact	tttgttttgt	168240
ttttatgaga	cagagtctcg	ctttgtcccc	caggctgaag	tgcagtggcg	cgatcttggc	168300
tcactgcaac	ctctgcctcc	tgggttcaag	caattctcct	gcctcagcct	cccaagtagc	168360
tgggtctaca	ggcgcatgcc	atcatgctgg	ctaagttttg	tattttcagt	agggacaggg	168420
ttttaccatg	tcggccagac	tggctcttga	ttccccgcct	cagggtgattt	gcccaccttg	168480
gcctcccaaa	gtgccgggat	tacaggcatg	agccactgag	cccgggccga	gattcgcatt	168540
ttcaaggacc	ccagtgggtg	agctgtattc	ttaacagtgc	ctatggggat	ccactgttgt	168600
cttgggtcct	tttgacgtgt	ggactgggtg	gagccagggc	atctggaggg	attgcttggg	168660
agccctacac	aatcagctca	gttagttaag	aaaaggatga	tactgagaat	gagaggagaa	168720
tcctagctgg	ggcacttcca	gcagtgatga	attgggataa	gttttagccc	ctgtttttat	168780
attattttga	ctttaaatca	gatttctacc	tcggtcccat	atttgtagtc	taaatgagtc	168840
tgtaaactag	agattacagt	gctgcgattc	agaaccttgg	atgatggcct	cagctgcatt	168900
tttcttttat	ttgaattctg	ctaaggctca	taaaggaaac	tgggagcttg	ttctttgaaa	168960
tagactactg	gacactgaaa	agccatcaac	aggttttget	gttttcccca	aatcaagat	169020
actcagtaac	taactactgc	agagatctaa	agaggagcaa	tgagacatgg	tagaaatctt	169080
cagtgtcacc	tttcacccctc	tttcacttcc	tacatctccg	ttcatccact	tatctccagg	169140
atattccccc	tgtgtgatca	accaacacaa	atataaaatg	caacatttct	aaaatggggg	169200
tttaaaatct	cccataaggc	atattccttt	ttagttactt	cttcaccatc	agtgaacga	169260
ttggtttcca	gttttcttct	cacgggtgaa	acttcaaggt	gttagccaac	tcccagcctt	169320
ctcatgcac	accacatcac	ttgggtctgc	ttcttagggg	cgtctgtgtg	cagaggcata	169380
gtcgtccgag	ttcttctttc	ctcaggggta	gacggcttca	gcgacctcat	ctgcaccctt	169440
cgtggaccag	cagcagtgtg	ccctcctcaa	tcacacaccc	accattgcaa	ctgcaacgcc	169500
tctcgagggg	attgcaatcc	actgcagcag	caacacctta	caaagacttt	tttcttaaca	169560
tgcggttcgt	gtctttgaca	cagaacataa	ctctaccttt	gtttttttta	ttctatcaca	169620
tccagtatct	ctgcccagcc	ttcaagctat	ttgctaaatc	tgttttccac	atttcatgaa	169680
gagaattctc	catattttctc	ttcatgccag	gaaatcaatg	tgttggttctc	atcactctac	169740
ttgtttcttc	ccacctccag	agcatcacac	atgtcactcg	ctgcaatccc	ccaatgatat	169800



acttcaccca	tccgacattt	acttcctcct	ttttttccat	ctgtcctcat	ctctcatttc	169860
agaactctta	ttaagccatc	aatccaagtt	ccctctattt	ttatatgcc	tgctactgct	169920
gtattcacat	tgttacgtgt	gcattgcttt	gcaaatatcc	ccaagtgatt	tttctatgta	169980
ggttctcctc	tagagaattt	attactgaag	accagaggca	gaaaatttcc	catttctttt	170040
gtttatgcta	cacttgggag	atcagccogg	aatgctgagg	ttgatagaat	gttttgcatg	170100
aagtaggcac	tcaagacatg	ttattcattg	actacaaaag	gttgcttgat	gccctgaaga	170160
caaccagaag	agaaagagca	gttaggattg	ctcctagccg	aggcataatt	tagggagctc	170220
taatgagacc	caattagaaa	cctcctcct	gttctcatat	gcgtcatgtg	aacggtaaaa	170280
gctagtatat	gaagacacgg	ggctaactgt	ggctttttgg	actgttgcat	gcttctcttc	170340
tgccctgaat	gcttgccctg	tttgccattac	gatttccttc	cttgctggaa	aacatagact	170400
ttcttccctt	ctttggaaga	agtgggacct	gttggaatc	tgaggctcca	agattcaaat	170460
gcaatgggct	tggtctgtagt	gctctgtagt	acacttcttg	acaagtcctg	aaaagactat	170520
tgaattctg	cctgtgcttt	tctgcagtgt	ttggatgtgt	ttcagctgca	gtgtttggct	170580
ggacagagta	atcgaaatag	tttttttttt	tttttccttc	ctcagcaatc	ttacgttacc	170640
agttgatcct	taaagttaaa	atggaatatt	ttacaaccct	gcaaatactt	tcgagtgc aa	170700
tcgaattata	gctctttcac	aagcaaacag	cctatcttta	aaaaattgtg	cataaatagg	170760
tcaaaatata	aattgatgtt	gttatcctaa	tagaaaaact	ggcaaacatt	tggtgagctt	170820
gctagaggat	accaacttgc	attgaagatc	ttttttaatt	attattaaac	aaacacaggc	170880
attttgatgg	gacttaatat	ggaagaaaatt	tttttctctt	ttctttcata	cgattaaaat	170940
gctatagtag	taatctacac	tagtaatcta	gtagcaatgt	cactagttaga	ttgcatttgt	171000
gctgggctgg	gggttttgat	gctctgtgta	tcaggctatt	gttctctggg	aatcttcaaa	171060
gggctgctgg	cctttgaatc	tgctccatat	ctaaaattct	agctttaatt	atcagattag	171120
cctgcatttt	tttttcttcg	tgattacagg	gaggagaagt	gtatgtttat	tattctgcaa	171180
aatacttgag	atggtaggat	ctcaaatgct	taattttgtt	gtagaaatga	gagctgatca	171240
aattatagac	tcctttaagc	taaggaaaagg	aaatgaataa	gtcagggaaa	cagaggcact	171300
gaggggcaca	atcgaaatag	gcattcatgt	gctgcacttt	gctaaacaat	gctggcactg	171360
tgcttttcag	ggtccttgca	agtcattgaac	aaaacgagaa	agattatgga	acatgggggg	171420
gccaccttca	tcaatgcctt	tgtgactaca	cccattgctc	gccgctcacg	gtcctccatg	171480
ctcacccgga	agtatgtgca	caatcacaat	gtctacacca	acaacgagaa	ctgctcttcc	171540
cctcgtggc	aggccatgca	tgagcctcgg	acttttgctg	tatatcttaa	caacactggc	171600
tacagaacag	gtaagggatg	acgtttctag	cccatgaacg	tcttgtaata	tgtcttagac	171660
tcaggaagaa	gtgtcatgta	atgaaatgca	tgaagttcca	acaaatacct	aaaaaaggat	171720
caagtgtttt	taaactgctt	gacatctacc	ccagggtctg	ggacacagta	aatgatcaaa	171780
attattttatt	atttattaat	taatgaaaaa	ctgatgggta	aatcaatcat	gtgtaccttg	171840
ttgattcatg	tatttgttca	ttcataaatta	ataggatttg	gaaagtttct	ttagcttggtg	171900
gtgtttttta	ggtctcaaat	gttcacttct	accttcagg	aaaggaagtc	atcctaattg	171960
ctacacctcc	tattattgtt	taacctacac	agggcaagaa	gagggttttg	attaattgggt	172020
tttttgaaaa	ttggggactt	ctttcaagag	gggtagtga	catcatgcc	gtctttctga	172080
gaaaaaagca	aggttccttc	tggtaatatt	agccccagg	ccctatcctc	ccagcatgta	172140
gatgatgtcc	ttgggttttt	tgtagcattt	cttcataaaa	gggcacaacg	ttgttcgtag	172200
aagggctaca	gtgcagacat	gggttggttg	ttgtttttat	ttttccagaa	tcacctaggc	172260
ttattcataa	gaatcaaata	tgttatgatt	aaagcttggt	caaatactt	tcaggcctac	172320
aattttctcta	ttttgaagat	ttaaaagtaa	aggagttcag	ataaatattc	tcctgcatct	172380
ctttttaaag	tgaaattaat	ctttccact	ggactcagga	aatatatggc	catttgcttc	172440
tttgcacagc	gccctacggg	cacttaatac	ttgttattta	tggtgaaaa	tattgattgt	172500
gcatatgata	gcactgtcac	tcgcagacag	ctcaaagtct	cgactcgaag	cagctcctcc	172560
cgtgcatctc	aagggtgttt	tcttatgcgt	aggaaagaaa	ctaggttacg	tagaggttac	172620
agagagtgcc	ttatctgagt	gtgttttctc	acattagtga	tttaaattta	tagcaccttt	172680
catttgagga	ctctaaagca	atttgcaaat	ccaccaaaaa	tcctgtaga	gttcatagat	172740
ggcaaatgta	cttggtctgt	ttttataact	gagggtgggga	tttcaaatat	tgctgaccca	172800
gctcagaaaac	agaatcagag	gcggttccct	aataaccggt	tcctgatttt	aaccatcaaa	172860



tgtatgatgc	agagattggc	ctagaatgat	tcctaagttt	tctttcttgt	ccaaagttac	175980
agtgtgttat	aactttatta	tactcatggg	aattataata	ttgattcatt	taacaattgt	176040
ggtatttgaa	ttataatcct	aacacatggg	acataaaaac	acatatgagt	taaatcttaa	176100
tcacatgaat	tctacctcac	atcactgagg	tagaaggggc	aatatttaaa	agacagctgc	176160
aataaatatt	tttgtgaaga	attcttttgg	cataaatcaa	aatcatagac	cttagttctg	176220
aaaaagaaaa	attatatcaa	ataatggtaa	atacaatatt	ggatcaaaaa	tttttttgtc	176280
tttttacgtt	acaaaattta	tgttacttat	agcaagtata	tttattctct	aatatgagat	176340
tttttaaagt	tagagttcac	ttaaagtaag	acaaactaat	attcttaatt	ttattatgat	176400
gtagattcct	gatacatgca	taaacatgag	aaatgtcata	catttattaa	accacagtgt	176460
gcttggaaca	cactagacat	tgggatgaag	acattttaaag	gaagattcct	gtcttcacta	176520
gacttacaat	ctagttaggg	aaaccagact	gctgtataca	aactgacatt	aatcataatt	176580
ttacttggg	tcaaaattat	ttatatttat	agttactagc	gtgaaatcca	tcaccctaag	176640
tctatcaatt	acgtggatta	aaatctcaat	atatcttttg	atacattaaa	taagatttga	176700
cttttctgcg	gcacagatc	tttgggttag	tcactattgc	tggctttaaa	agaaattcct	176760
tggcttcagg	tagttcctgg	aaatttttct	aagcattatg	gaacagggtg	tcctagacag	176820
aagtagcatg	gcctgaagcc	aacaataatt	acaatcaggt	cttctgatct	ttctccctgc	176880
cccccaaccc	ccaccacctt	cttaaacagc	tgtgaaggga	agtgcctaat	ggtatccaaa	176940
acaaagagga	tgggtaaatg	gcacattagt	gatgtattca	gatagtagga	ggtgaattga	177000
attgccaatg	ccgaaggata	gaaaaatatt	gaactatacg	taacctacat	gtagacataa	177060
tggcagtaag	ggcaagaaaag	ctaaattcac	cttaggaagg	gaaaaagaga	tttaatacat	177120
ctggaggaaa	ataattagag	ggccagataa	tcaattgcag	agcgccgcca	ggaaacatcg	177180
tggtgaaaga	ggccgggggtg	attacaaacg	agtctcaatg	tcatgaggga	acaaaaaggc	177240
cagagcaact	ggaggccaac	agtgtctcac	cctgacaccc	aaggccccc	tcagccttgg	177300
aatgagtgtg	atgggtgagc	gcacatctgg	aatactgagt	acatttctta	cgctccgtta	177360
acacagagac	acaaaaaac	tggagggagt	tctgaagcaa	ataacaagga	ctattaaaag	177420
acttgaagga	atagtttata	agggaaggat	taagtcaaag	gggaatgcca	tggcaatggg	177480
tagaaaacag	tacaaaatat	cctacaaagt	aaaacaatga	ggaaagggca	ggaatgactt	177540
ggggagagga	aacaaaaaaa	ccccacaat	gaagtaactt	aaagtgcaga	aaaaaaaatt	177600
aaaactaatt	aagcagaaaa	atgtaagcca	aatggaggag	tttgttgcca	caaaaataagt	177660
agtagtgggg	aagaaaatat	gtaacctccg	aagagatatt	ttcaagtgc	caagtgcaga	177720
actctagtgc	gagatttctt	tacactgcag	gatggaaaat	catttacaaa	agacagggcc	177780
aaaagaatac	tgctaattgg	gatgctaata	acaatattag	ttgtaggagc	acttaacaag	177840
cggttgtttt	gtgccaggca	ctgttttcag	cgctttacat	atgtgttgat	gcatttaatc	177900
ctcaaaacaa	tctgtccacc	attattatta	tcaccatagt	ggctttgcag	aaggggagtt	177960
gggggagggg	gaagtgaagt	aacttgcag	tagatggata	ccctagcaag	tagcagagcc	178020
agaatttgaa	cccaagcagg	ctggctctag	ggtttatatt	ctcaatcact	atgctttttg	178080
ccttcttgga	aaaaaaaaaa	aaaaaaggaa	agaaaagtgg	gataaaaccc	tagggatgag	178140
gaggaggcca	aggaaagcac	ggggcttgag	gctgttaagt	gcaagctttt	tggaaacaat	178200
cgcttttgaa	cgttagtggg	gtgtggcctt	ggtctgctgc	ctgtggctcc	aagtcatact	178260
gcattttgtt	ggaaaaggaa	aatcatcttg	tggttctatg	tgaaaagggtc	agttcgtctc	178320
taagacagga	attcctcatt	aaaagaattc	caactacacg	tagtcagcac	agaaggaaat	178380
cctgagtcac	ctgatgtgag	accctttgac	actttgccct	acactgatca	acgtgctcag	178440
tgccccctggc	agaatgctta	agcagcgggc	acttggtgga	ctgtagacct	aattgggttca	178500
ctcattcaca	gagccaacaa	ataaacattc	attcaacaaa	caaacattgc	catgtttctc	178560
agactggagt	ctagattcct	ttaaaaataa	tataataaga	aataacaatt	ttagaaactc	178620
taaagctcta	ttctatgaaa	atgttttgaa	ggccaaatca	gctttaaaaa	atatgatgat	178680
ttgattgggc	gcagcgctc	atgctgtgaa	tcccagcact	ttgggaggcc	taggcagatg	178740
gatcgatcac	ctgaggtcag	gagttcgaga	ccaacctgac	caatatgggtg	aaaccccatc	178800
tctattttaa	aaaaaaaaaa	aaaaattasc	caggtgtggg	ggcgtgtgcc	tgtagtccca	178860
gctacttggg	agtctgagac	aggagaatcg	cttgaacca	agaggcagag	gttgacagtga	178920
gccgagatca	caccactgta	ctctagcctg	ggcaacaggg	taagactcca	tctcaaaaaa	178980

ataaaaaaga	taattcaagc	aaaatcacaa	aattttttaa	gtctagacct	cgtaaagtcc	179040
ccagaatata	ttggattcat	gaacccaaat	tcaagaaaca	aaaaggatgg	agccctgaac	179100
tgtgtgcaag	gatggagagt	gcctcagaga	taaggcagag	gcaatgtttg	ccctcaaaaa	179160
gcttacagtc	tagcaggtgt	tcagcttcta	tatgaacatg	actataccac	aatggagaaa	179220
gggaagatga	cattacaacc	acaaagacag	tgttgtggaa	ttaagacaga	gactgtgagt	179280
gaaatggcat	ctgctctggc	cttgatatat	aaagaggcaa	ataaagagaa	ttgcacaagc	179340
aaaaatagag	aggtgggaac	cagagagcaa	atagaggaaa	catttagctgg	agagagggac	179400
gattaacaga	gaaataggag	atgggggttg	aaaggggaag	attttgtcca	aactcaaagt	179460
aggcctctga	gggcaagcta	gcagagtaca	cttgattctg	caggcaatga	gggtaatctg	179520
agattgcgag	aagaggggtga	agtaaccaga	gcaggctcct	gggaagatta	accagtggca	179580
atcgaagtgg	aaagaccctc	catcctggct	gggaaagtca	gtgagaccat	gagcatctgt	179640
gaggggtggc	aagttaccag	ggatggcagg	agggatttga	gcactatttc	caaggcagac	179700
ctgataggag	gtggcaactg	cccagcaagg	ggagcgcagg	agcaggcgaa	agcagagggg	179760
gctctggagg	gccaagcatg	gttcatggag	ggtgattatg	ccattcagag	gaatggagta	179820
aggctgaaag	ggaaaactgg	taattccatt	ttaggcaatg	gcattaggaa	gcaagtaaaa	179880
cattcagatg	gaggaattct	acagggtacag	gtgctccttg	acttacgatg	gggtgacatc	179940
ccaataaacc	catcataagt	tgaaaataag	gtaagtcaaa	aatgcattta	atatactgaa	180000
cctaccgaac	accagagctt	agcttagccc	agtctaactt	aaaatgtgct	cagaacactt	180060
atattagcct	acagttgggc	aaaatcatcg	aacacaaagc	caataggctt	gtaataaagt	180120
actgaataac	tcataggatt	gattgagtac	tgcactgaat	gcataccaat	tttacaccac	180180
tgtaaatgtg	aaaatcttca	attgaaccat	cgtaggtcag	ggaccatctg	tagtcgtata	180240
tcaaagataa	aagcaagcta	aatacctatc	ccatagagac	atcaaaaatta	tgtacatcat	180300
taagttttaa	attcagaatg	tgtgttttaa	gaccaatgtc	aataaagtgc	tgcaattcta	180360
gaattcgtht	ctattatccc	aagccagctc	tccaggaact	acttttttac	catggatata	180420
agcgagggca	cctataaaaat	ctgttttaatg	aagccaggca	ttggcttttg	catggaaggc	180480
gtctggcaac	agctttataa	catcagaaaa	actaaaactt	gcctacatat	gtatatgcat	180540
gcataggggt	gtgtgtgtgt	gtgtgtacac	acacctatca	twatatacat	acacgcacac	180600
atgcttatac	ctatacagac	atatataaaa	taaagttttc	tctagccctt	tctacttgaa	180660
gggaaagcta	tgtgtgtggc	tggagtgaact	aaacatttag	gtttaccocag	aatcatgctt	180720
gtttatacct	gcttttctgt	aattacagca	attacaaata	acatcctctt	gctctctcaa	180780
aagtattcca	gtatatattat	gactaccatt	ctgctagggt	gtaatgtctt	tttcaacttca	180840
agaatgaacc	catattgttc	ctggaatccc	agcttcttct	ttgcttcccg	taccctctct	180900
ctgtcatcat	cttttgacga	agaccaaatt	tctagtcacc	ctctcagaga	gaccgagtca	180960
gccctgtggc	acagtggtct	ttcttggaag	tgacatgcc	aaagttataa	tgtgaaggcc	181020
ttccagtggc	tttttttagtg	aactgtgggtg	tctttgtgac	acatacactt	ctactatact	181080
ataattgtat	gaaaattagt	aatctatgta	gtaactctat	gttgacagaa	tttttattat	181140
cgataataga	tgtatacatt	cataaaaatac	acataacata	aacacccatt	acatactata	181200
catgtgatat	aaaccctgac	catatcccat	aaaaatggag	tttaccatgg	ttccctgggt	181260
tggaaaattt	gtactctctg	gatattgtaaa	aacgaaaata	agctttttcaa	tagtgthttt	181320
ataattcaca	attctcaaat	agtaagttag	aaaacttatc	acaaagactg	aactttcagt	181380
tctccaacac	ctgcccgggtg	gttgcatctc	aaatctcacg	ctacttctct	gattgttcca	181440
tcaacttaac	aaaagagcat	agcctgattt	tactccagta	ggaccataag	aatgaatgc	181500
accagagtg	ctgtgatcat	tatgatgggt	tcattgagct	gtaatccatg	tacttgata	181560
ctacttctat	ttatttttta	aaaatgtgtt	tgtgtcactt	tgccaaagga	ttggagtatt	181620
acactaatgt	catttttgga	ttcactatta	cctagggcaa	cttttgthtt	accgtctctt	181680
tttcaagtca	taattttata	cttatccatt	tatttatgat	taatcatttt	acgtgaaaaa	181740
aataattctt	ttttcccact	gcagcctttt	ttggaaaata	cctcaatgaa	tataatggca	181800
gctacatccc	ccctgggtgg	cgagaatggc	ttggattaat	caagaattct	cgcttctata	181860
attacactgt	ttgtcgcaat	ggcatcaaag	aaaagcatgg	atthgattat	gcaaaggtaa	181920
ttttcaggca	cttttacact	gcatacaatt	actthgtgca	taatggggaa	aagccatttt	181980
cagtgaagta	aactatccac	aagattggct	ttctatgttc	tcacaatgth	agcatgagaa	182040

atgttaaggt	aattttaaac	tctaggcaag	gaaaagactc	tcaaggaacg	ctgcctttgt	182100
gtagtgattt	ccctcattag	gatgaaaggc	aatcaggcctt	tgatgaaagt	atcatcaaga	182160
aaatcagaat	tctctgctct	cttatgataa	tttttgtcct	cccagttccc	ccggacccaa	182220
ccaaggactt	gtccacataa	tcaaagtgtc	atcttgtact	gttttacttt	tcaactgggac	182280
aaaagtatat	tttgtctgtg	gcttcagatt	taggcacaag	cataagagca	aataaatatg	182340
ataattaaag	tttgaaaaac	cacattccct	gcttttactc	ctgtctgacc	aagcttagta	182400
tacgtgacaa	ggacaccttc	cctatcacgg	caagcatcca	caaaagtctc	taatgctatc	182460
aattctagga	ttttcaaate	agttcagaga	aactgaaate	aacatgtccc	atagttcttt	182520
gaccagtggg	ttctagtttt	gacttaaaaa	ttcacaaaga	ttttgtgata	gotgacttaa	182580
gtttaaattt	ttttcaaate	ataagaatga	aggggaaaat	atcttcgaat	ttagcatgct	182640
tatttgccaa	aatatccctt	tcccttccag	ccatacccat	ctcttcttca	tttatctaga	182700
agaagccgag	aatctgctct	atctagcaac	ctctcccaac	aggctagatc	acttggtaga	182760
aatcggaagg	agagaacttg	atttaaatgtt	ggcatattgc	tgtctttatg	cttggcctga	182820
tttgagcaca	agggacttga	tgggagataa	gattaagtcc	agctccttta	tacccttcag	182880
aaaacaatga	atgcaaatga	attcataaac	attgctaata	ggcttccaaa	ctcatgaaag	182940
ttaaaagtta	gcagagacct	tggaggcaaa	tttgagcaat	gtcctcattt	gcaaagatga	183000
gaaaaaagca	ttctagagtg	gctcaaccac	tcatcctagg	tcatatcccc	agctgtggat	183060
acaatcattg	caagcaaatg	gtgcagacca	cgtgcactaa	ttgtcactgc	tctcctttgc	183120
tgtctgtagg	gatgcttttt	catgctccct	gttcaagtta	ttaacctttc	tttccctgct	183180
gtcctaaaga	gagcaaagta	atcaagattc	tctccaaata	ctaaatcage	gtaacttggt	183240
cattatcaca	gctgattaag	tgtcaaagac	aactgtgtct	gaaaagaata	tatatctttt	183300
tttagtgagg	aaaagaatga	aacagacact	cccttggaag	aggaagggga	tagcctgtag	183360
acttgcccta	acaatgacat	gcggcacaca	ccatccctct	gatactgctt	ttgcagctgt	183420
tctggtcctt	aaatccacaa	catgtgatta	gccatgctgt	gaagccttca	acatttgcaa	183480
atattgccta	aacactttct	gaataaagtt	tatactggag	ctccaagcca	atgacacaca	183540
cttaaaagaa	gcaggtggtt	taagttttca	tcttttcttt	ccttttcttt	ccatttcctc	183600
cctccctctt	acagacctgc	atcagccccc	cctgactgtg	ggttaagtca	ttttatttagc	183660
aagtcaggct	ctaateccag	cagctgtatt	gcttttagttg	tgcaattaac	acagtataat	183720
ctgcaggaaa	tcaactgctc	cctattcaag	tgtttcaagt	aaattaactg	atcaaagtgt	183780
gcagcttttc	cctgtgctcc	tggatttttg	ccatggcttt	gattactgat	tattgtaatt	183840
cccacagggtg	gatttttctg	ttgaagaaaa	tatcttttct	tgtgtttatg	tattcatggg	183900
cgtgtgtgtg	tgagcgtgtg	tgtatgtatg	tgtgtgtgtt	ctgcaactgt	aaatttgaag	183960
tgggcgtggg	tgtttcctgc	ccttaaagta	attaaatttt	ttgccaagga	attacatcaa	184020
tgaaacctga	gactgaaata	tgtatccggg	gtttcatgtg	ttctagtact	tttatcgcca	184080
gattaatcat	tatcttgggc	aaacacgact	tgactttttt	tttccccatt	gctaagttgt	184140
gtattactta	aatccatttt	tctgtatgtt	accaagctag	caaccctaga	aaacaactgg	184200
cagctgattt	tctctattat	cgaaaatgtt	cggtgcctt	gggaggtgca	gccttccttc	184260
ctgctgtaga	ccttgccact	tctgtcagtg	aattgcttct	gaggaaagca	gttattcaaa	184320
tgcgatctga	tgaatgtcac	cttttgtaat	ttttgttttg	tgtcaaatgt	atgtttcagg	184380
actacttcac	agacttaate	actaacgaga	gcattaatta	cttcaaaatg	tctaagagaa	184440
tgtatcccca	taggcccgtt	atgatggtga	tcagccacgc	tgcgccccac	ggccccgagg	184500
actcagcccc	acagttttct	aaactgtacc	ccaatgcttc	ccaacacatg	taagtaacaa	184560
actcaactct	gcgacctgcc	gaacatgcct	ttcccttttc	tcctcatccc	actcctctcc	184620
tttaccctgt	ttccttcac	cctgcgtatc	cacaaggctt	tcttcatgaa	aggataactt	184680
aagagcagac	cacggaacag	gcagagccgc	tgagcctgaa	agaaagcgcc	ttatctgggt	184740
ggtttgagga	ggaatcaaat	ttccagcatt	tacaagtagc	taaatagaaa	ggaagagatg	184800
cacatagagt	gaatgggggc	aagttttaca	agagtttcct	ttcgttgtct	taaataatat	184860
tctgtgtgtc	gatctaataa	tgatgatgat	caaatagtat	gcttttcata	gctgcacagt	184920
ggggacctct	ggtctgggta	tagaaacatg	gatttatttt	ccaggcgaat	accgtagcag	184980
ctttgctgca	gacgtgcaat	tagaattcct	gcagaaggca	gcttgagtgg	cttgcccaag	185040
agggtctctc	aggtcacagc	tttaaaataa	cctgattttt	ttttttttta	agaggcagga	185100

gtcttgagaga	tggggggtgg	gaaggcacia	gggagagggc	tgatggcgtg	gagggatgag	185160
acagaacaaa	gagctgtcgt	gtgcccacia	ttctcaccag	ccaaagggtg	aaaaatctag	185220
atgcttttggc	agcaaagaac	atgattttgt	tgttcactca	gttgacacca	tttcttccta	185280
agcttttgcca	tcaatatcca	gtcttccaca	cagagcagtg	gagttggctc	tgtgtctgct	185340
gaaagcctga	ccattagggg	gacagggaac	agaaaattgg	tatctgtttc	ctatatgttg	185400
aaacctccaa	aattggttct	taatctatct	gtacttaaat	atcatctctt	ttcatccaca	185460
ctgggttatta	gccaaagatt	caggcagaaa	gaaccttacg	aaaataggta	agtaactatg	185520
caggctctct	agttgccggg	cactatacat	ccctagagaa	gtttttataa	aatgttctct	185580
ttttttttgag	ancagagtag	ntctntgctc	tgtaaccacg	gctggagtg	agtgggtgca	185640
tcttggtctca	ctgcaacctc	cngcctcctg	ggttcaaaca	attctcccac	ctcagggttc	185700
tgaggagctg	ggactacagg	cacacgccac	cacacctggc	taattttttg	tatttttagt	185760
agagacgcag	ttccaccatg	ttggccaggc	tggtctcaaa	ctcccttgac	ctcaagtgat	185820
ccaccacact	cggctcccca	aagtgtctgg	attacaggca	tgagccaccg	caccagcct	185880
tataaaatat	ttttatttgt	accttaattg	aactgattga	cttatgactc	ctggtcagtg	185940
gtacacagat	catctctatg	atatcatgtg	acttagacca	gaaagaagga	ggccagagct	186000
gactcaggac	aagaactaac	aatatgaagc	cagggtgggt	tacctactga	gcatgccacg	186060
gaactcagag	gatggaagtg	ttttaatgca	taaaatatca	tcgacaaatc	atgaagggtg	186120
ccccagcacc	tgggaatata	gctgggataa	gccattatgt	tttggagtca	actccatggg	186180
tggatatttta	agcttctgaa	gatcttcccc	tatatataac	tctgcgagta	aattcatgaa	186240
tgaagcccat	gtgtgacaag	tggtcttcca	ttatagctca	cttacaaatt	tagtagccaa	186300
ctgattcaat	gaaaggaaaa	agtcctgcgg	gctttttcaa	tacctctgaa	ccccctgtt	186360
cccattttctg	ttgaatcaga	aatcacttta	cctatctttg	ttgcattagc	agaaaccacg	186420
tctaagggtga	cttcctataa	ctgtaaactt	tacagatgtt	ccctcaagct	ggaggagaag	186480
gggttgacaa	aacagagtgt	tttgtggctc	cttaaaagtc	agcctgcctt	tgaagctttg	186540
aggcaaggtc	ctaagcctgc	aggaaaatca	gcctcaggtc	aagagtttat	aagagctcag	186600
ttgcatggaa	tcagtactgc	atgaggggag	gagcctgcag	agttctcagg	gtctcagcaa	186660
tagcttttttg	aaaaacatct	ctgtgtctgg	caggcgcggt	ggctcacgcc	tgtaatctca	186720
gcacttttggg	aggccgaggc	gggaggatca	cgaggtcaag	agatcaagac	catcttggct	186780
aacactgtga	aacactgtct	ctactaaaaa	tacaaaaaaa	aaataaaaaa	tagccaggcg	186840
tgggtgggtgg	cacctgtagt	cctagctact	cgggaggtcg	aggcaggaga	atggcatgaa	186900
ccggggaggc	ggagcttgca	gtgagccgag	atcgaccac	tgcaactccag	cctcggcgac	186960
agagcaagac	tctgtcttaa	aaaaaaaaaac	aaagaaaaga	aaagaaaaac	atctctgatt	187020
ccagtaatta	aaaattctat	ttcattccac	gaatatttat	cagtgccaca	tgtgacacta	187080
tgagcccgag	cagggatata	gataagcgtg	aggaagacac	agttgctaac	atttaaggac	187140
agataaacta	aggcagggtg	tggcacactg	gtaccacacg	tccaaacctc	gcttgccacc	187200
agttttttgtt	aacaaaattt	tattgacaca	cagccatgct	cattcattta	tgtattgtct	187260
gtggctgctt	tcacaatata	acagccaagt	cgagttagtt	tgtcagatac	catacagcct	187320
ggaaatacta	tctcatcctc	gataaagtaa	ctttgcccc	acctctgctc	taggggcagg	187380
atgggcaagt	gtcccaatgg	caatatcacc	aatagggcca	gaagtgacaa	gcacagagca	187440
gacgttcgca	gggctgtgga	gcggggaggg	agaagccttc	atatctttga	aggaaaccag	187500
gaaaacttca	tggaccaagg	cttcaaagtg	ggcctcaaaa	gatgggtaaa	atttctgcag	187560
ataattgttt	agagattggg	tttcaggaag	agaatatggc	aaggacacgt	ggtcactgta	187620
taagggaggc	aatctaagat	gtgtcctaga	aactggagaa	tgggctacaa	agaaagcagc	187680
actaagggaac	aatgctgcag	agggaaactg	ttgcagaata	ttgagggtgt	cagttagttt	187740
gtatgtaact	gcaagcagag	agtcactgga	ggttggttag	taacaaaata	ggagggtgct	187800
cagacatttc	cacatgcaaa	tagattcagt	agttcctttt	tagttcaaata	gaaccttcta	187860
ttgcccttat	tagtgattct	ataaagtaaa	atctacacag	tgagaggggt	ggccttagag	187920
gctaacgagc	ctggtttcct	gcctcagctg	ccctcactga	gtgtaggggt	gctttcttta	187980
atctctggaa	acctccactg	tctcatctgt	aaaatggaga	taataactaac	accttgatgt	188040
gatgtcatga	agagaaatta	agagaggcag	tgtaagtaaa	gtccccacat	agagcctggg	188100
acatacaagc	cacttcataa	gtgtcaattc	ttattgaacc	tttttattaa	gaaactaaca	188160

atattctatc	attctggacc	tacaaaaggg	caatttcatg	tggtcaact	taaggtttag	188220
gggaagcagt	gagagaaatg	acaacttgat	gcttgtccat	tgtgacatga	cagacctctt	188280
gacaagctaa	gactcccatt	gtgatgagcc	tctcacacct	ggccattcca	atggaacaga	188340
cagggtaagg	accaatctgg	actgtgttat	cttttccagg	tgcaagtatg	tgctatgggt	188400
aagtgccagt	ttggagaact	cccttagcca	caggaaatga	aaattcatgt	gattgtttga	188460
aggattcagc	ttctctttgc	tgetaatcct	tggtttttgt	gcacctagaa	tgtggtctcc	188520
tgcaggccct	gaaagccttg	aattcctggc	atctttgctg	tgaaggctct	cctggctgct	188580
gctggaggaa	ggggctggaa	ggagtgaagt	tgtgcacagg	ttcagagttc	agtcttcaga	188640
caaaaggagt	gagataaatt	gaagacaagc	tgccgatggt	agtgcacgga	actgctcaat	188700
gaccagcttc	cttagcgaaa	acatttagcaa	cacattcagg	caaagggatg	cgagaagtta	188760
agtactttgc	agaaatattt	gacaggccct	gcaaacactg	agcaagaaac	cataggttct	188820
cccccaattgc	agggatgcaa	gtaacgtgaa	cactttcctt	tcgggtcatct	tccttggtgg	188880
tcaggcatca	tctggatcac	tttcatctgg	categggtta	taactacctg	accctctcag	188940
actggggtga	atgtatcatc	tttccaaggt	gtttgccgtt	cccaacaaag	agaggaagcc	189000
agttcgctat	tggcctgtta	gctttacaaa	cggatggtag	agcttatgct	taccaaggaa	189060
gagtgaaggg	ggattatcga	ccacttggtg	acagggaana	tagtttaatc	aaactgtaac	189120
tcagctactc	atggccactg	agaaatctga	gaaagcctct	gtcataataa	cacacataat	189180
aatcctagta	ttagaaaagg	ctgcgcctcg	gctaagactc	tactatactt	ttcagtaact	189240
tatttcccca	gaatctccat	agggatgcaa	ttccttcacc	cctgctttta	gttacttctc	189300
tctcctcgcc	tcagtgatgt	catcatatac	acctgtggac	aaaagccgtg	acaggaagg	189360
agatgccatt	tacgtccctg	gtgattctat	aggaaactaa	gggacctcct	tatcacctct	189420
ctatgaacta	tgccctgtc	agctttaaaa	atttgttgtt	gttattccaa	tttttttttt	189480
tttgagatgg	agtttcactc	ttgttgccca	ggctggagtg	caatggcaca	atctcggctc	189540
accacaacct	ctgcctccca	ggttcaaaac	attctcctgc	ctcagcctcc	tgagtagctg	189600
gaattacagg	catgcgccac	cacgctcggc	taattttgta	tttttagtgg	aaacgggttt	189660
tctccatggt	gttcaggctg	gtcttgaact	cctgacctca	ggtgatccgc	ccgcctcagg	189720
ctcccaaagt	gctgggatta	caggcatgag	ccagcacacc	tgacctgtta	ttccaattta	189780
acagttcttt	cttcccatat	ctgtaaatgt	gtgtgactgt	gtktgtgtgy	rtgtacactc	189840
tgtacactca	cacacacaca	aatacacaa	ttcaagtga	atctaaatgc	ttggtaaaac	189900
agtcctatgt	cactaatgtt	caagagttgt	tgtgagggta	gagcttttga	ataaacatag	189960
gttgtcaaa	gaaaaactcc	ctctgtgtta	gccacaggac	aaagggtttg	aaacaccttt	190020
gttatctaaa	gctggaaaga	aatgtcttgc	cttaaaagaa	tttgacacatt	cgtacctctt	190080
tccacaaata	cgtgaaaagg	cgtgcttttg	aagataagaa	aagttttaa	tctacaaaaa	190140
aaaaaaatct	gatttgggca	gaactcattn	gnctcccttt	ttctctgttt	ctacctgttt	190200
cttctctggg	tggatcattt	actacttata	ctgtcagtgt	tggtgttgct	tgtttactta	190260
gatccctgaa	gtcgagttgc	acaactccag	ggggcattca	gataaaatat	catgtgaatg	190320
atgccctgga	gttttgacag	tagctttgtc	ctgaagacag	ggacaaaaat	gtttcatctc	190380
tttacctccc	agtgcctggt	ggacatgcct	tcggaccaag	tagttgcaca	attcattgtt	190440
gcttagcaaa	tgaacaaata	tgttcacctc	actaaatagc	tgacatgaaa	acattttaaa	190500
aatagtatca	agatatttta	acagtcgatt	ttatgaattt	aaaagacacc	tagagatact	190560
acaattccgt	agtttttttag	attaaaaaac	aaagacccaa	agtcctatatt	ttttaaagga	190620
aggcccagat	ggtttttgtga	aggctcatgt	agtatttagg	gacaaaacta	gagctgaaac	190680
tcaattctct	tggccccagg	tgatcttctc	actccaccag	acttactcag	ttcacatcac	190740
agtcacaatt	cagatttagag	ctatgaacaa	ttctatccat	ttgcacaatt	ctaactggtg	190800
tttctaactt	cattaaaaga	ctctgaatta	tttttcttat	atacctctaa	tcaagatcat	190860
ttggtattat	cctgcatatg	ttcaaagtgt	acctatctac	agatatattga	acttaggtgg	190920
ggaatatctc	cacaaagtcc	attaagtaag	ttcagtttta	gtgaaaactg	agatggtgca	190980
gcttgagaga	ttaaagtgtg	aatttccaat	gtaatgcttt	gaatgtgtac	cttaaactctg	191040
tatcactggc	ttattctggg	aattgaagtc	ttatttcatt	tctcagagaa	tgatggttct	191100
gctaccagta	atctttaagg	gttagatcat	tcgggttttt	tgtttggttg	agactaaata	191160
aatgaagaaa	acacatgtta	gatacaaaac	actagaaata	tattaatttt	cactggagcg	191220



acaccaaagg	ccatcgacat	taaaaatgaa	ctcctaagtt	ctttgcaatt	ccccaggtat	191280
agattttaata	tacaacacat	gcattctcttg	aaactctttc	tttgctagta	agaattattc	191340
tcttgaaata	cccacctgtc	aaaaagaaaag	gtaacattat	tgatttttag	aattctttatt	191400
tctgtcgtgt	cagtaagcaa	taccggaaaag	aaaatcaaac	actcaggaga	attggcatga	191460
tgggtgaaggt	tgagcttaca	agtacagtgg	actcaagtat	ccatgatcca	gcgcactgag	191520
caataaatcc	aaatgagcag	tgaccacagg	aaaacaatat	gcagggaggc	ctcgcctggga	191580
aaagctaaac	ttttatatat	gggaatagtc	tatggaggat	tacagggatg	ttttcttggg	191640
ggtataaggt	ctggagtgtg	cagtactggg	tgaagccctt	atctaacagg	caacagaaaag	191700
gtcttcccag	gttaggcaca	cgtgactcta	cctccaacac	agaatttttt	tttttaagaa	191760
agcaacagaa	atttgcaaat	gatagtcttg	tcttttgtcc	tctcaatttt	aaagcaaata	191820
accagtattg	tgttatctac	cttttcatgg	atgcatccag	tgtgcctaga	agggccagac	191880
tttattctgt	atttgcaaca	aaagtagacc	cagcaactga	tgggaagata	tctgattggg	191940
aagcagaagc	agctggtatt	ttaaatcagg	atgaaagcta	agatttttagg	actcactttt	192000
gataggaaga	aaggatatat	caatttttct	tttaatgagt	gggatttttg	aggtactttg	192060
tggggcctct	ggttcaagac	tgtggccagt	gtgggtgtgt	aggaggggca	ctgatggaga	192120
gctatcccgg	tgcattattt	ctgagccacc	tctgtgcact	ttacttcctc	atttgtaaca	192180
tgggactaat	gtgccctgct	gagtcctcag	agttgctgca	acaatcaaat	gagctattaa	192240
gggataagct	cttttccagc	tacctatgag	aatgggtatg	atatgggtccc	agaatttgct	192300
ctctagagcc	acagaaatct	cttaacccct	acaagaactc	tttaaagttg	ttatccccat	192360
tatatagatg	aggaaactga	gacttagaca	aaaagtgtgc	caagatcaca	taatattaag	192420
gaacagagct	gggatgaata	tttgagtcta	attccaaaac	attctggaat	aactcaatat	192480
gtggttttcc	atttctccca	aaaacaggta	cctgcttttt	tcagtggctt	gtgttccagc	192540
tgacagctcc	agggcctggt	tgaataattc	gaagacaatc	cttagttagg	aaagcaagct	192600
ttaattatca	ctggggaaca	gaaggccgca	tcttcgagga	atttggcaga	cctcagcagg	192660
gggcaaccac	aggccttttg	caaaagatca	cttttcaaca	acattgtcaa	ttccagtgc	192720
ccccgacctt	ccacctgcag	gtccctgaac	agctgctggt	ctgtgggaag	cagtggcagt	192780
ctgtcttctc	ttaaaaggca	catgcacact	ctgtccctgc	tgcctgctga	gatcccacct	192840
gggacctcat	ccccagagct	gggggtcatc	tcccatatca	agaaattaag	aaaaataagg	192900
gggggcagga	aaggacagct	ttgacaacag	tccctgaact	ttccctttta	atataagcca	192960
gatttaacgt	atgtcattct	gtaaatccgg	gagtccaatt	tgaggcttgt	aatttgctgc	193020
aagcttccct	gttctcccaa	gtggggtgga	gctatgccaa	gcacatcaag	gtaactgggtg	193080
gaagatataa	tttccccact	gtgagcctgc	atttcagttc	cctattgtaa	tttttatttg	193140
tgttgagggt	ttgtggtttt	aaaaaagtca	accagattta	tttttaaatt	aaccagccc	193200
aacatcaaag	gcaataagta	gaggatgttt	aggtattata	aagaaacctt	gtgtaatctg	193260
ttatagctgt	attctttctc	agggcatgta	atggtaaatg	gttaggggcc	tttcacaacc	193320
aactttctat	atttctctga	cctcggacta	ccctcatggg	caaaaaaccc	tttttgaggg	193380
gatttagtag	ccctctnct	cctcctcctc	aacctcttaa	tctaactctg	tttgtaacgc	193440
aacatgctgc	atgaagaata	cgaaacatgg	gcttaagtcc	ctccccactt	cccttatgac	193500
tgtggtttac	ttttagatat	gaagaactct	ttcaggccaa	aaaaaaaaaa	aggggggggac	193560
catttggtta	acgaaccatt	ttctttggta	ggcaggagaa	agtttatatt	gaaagtttat	193620
cttaaggatg	acaggtcata	cctgaagggt	ttgttttgga	atactgtgga	ttttttctaa	193680
cccaaataat	tacaagagag	ttccttgttt	attggctcat	ggaggaaatt	caagcgcctc	193740
tgttctaggc	attttaagtg	ctctgtatat	atggtggttg	ttcctcaaaa	cagctttggg	193800
tttgtttttt	gttttttggt	gttagtggtg	gttttttgag	atagagtctc	gctctgttac	193860
ccaggctgga	gtgcagtggc	gcaatctcgg	ctcactgcac	cctnccacct	ctctggttca	193920
aaagattctc	ctgcctcagc	ctcctgagta	gctgggatta	caggcgcccc	ccaccatgcc	193980
cagctaattt	ttgtattttt	agtagagacg	gggtttcccc	atggtggcca	ggctgggtctc	194040
gaactcctga	cctcaggtga	ttcaccgcc	tgggccttcc	aaaatgctgg	gattacaggc	194100
gtgagccacc	atggctggcc	caaaacagct	ttttaagaaa	agtgcattta	accccattta	194160
cagatgagca	catttgagcc	acacctctt	ttccacactc	taaatcttgt	ctctttcttt	194220
aaacatgagt	tacttatact	tctgagcata	actgaggcac	tttttagagac	agtgtcttct	194280



atctggtttc	ctttcatcca	aaacaaaaaa	ggatgtgtgt	aggctgggta	atttcgaaga	197400
tgaaaacctt	tccctccctg	ccacatctta	aattagctca	agtatactac	ttaaagagaa	197460
aggaaaaata	agtgtatcaa	tgactaatte	tctcaaattg	actggaatct	atgtcttttt	197520
ggctctgtgt	cacagacagg	atgtgatctt	ctgggatatc	acccttcttt	gaatcagaga	197580
tacgctgtca	tttaaaaaaa	aaacctgaca	ccatcctttt	agtgtttaac	ttttaaaaaat	197640
tattccgaaa	gaaatgtttt	taaaagataa	atthtgaaaa	gctgggctttt	cttttaaagg	197700
aaaaagagct	aaaggactag	gctgctatth	ctgtcactgt	aggcagggtca	ctgcttctct	197760
ttgcatctct	atthtcccat	catgaaatgg	ccttgccctat	tttcccatca	taaaatggcc	197820
ttgtcaatca	tctcaggatg	ttttgaataa	aatgggattg	catccatgaa	agaattatgg	197880
aaagactaaa	agaaaaagtg	gaagtagaat	ccagaagctg	gaatggccct	tgaaaagcat	197940
ctagcctgga	cccctgatgt	aacagtgaag	ctaggcagac	agcgtcagtg	cccctctcag	198000
atccctgatt	ctggaagtgg	tggcagtggg	gcccagagcc	cagatgttct	gaatctcccc	198060
cgagtaccac	atgtgctgct	gcatcatact	acatcctgga	gagagggcaa	ttgaagtaag	198120
aaaggthtct	ttgaagaatg	ttattgtgct	tcctaagatt	attagaaaca	ccctgagaat	198180
tgtcagatct	atatctagaa	ggctttatgt	tttaaggact	agatagcata	gattgaattc	198240
aactgtaaaa	actgtacatc	cttttttaaa	atattgattt	taaagctctt	gttcaacgga	198300
aaagtthtgg	actattgggt	tttaagcaaa	agtatgcttg	ctgcaaaaac	catgtatcag	198360
gctgcatctt	gcctggtgat	gtggtcagaa	tacaggggtg	caggcatctc	tccagcctga	198420
ccctggcaag	agtcagttaa	tcttgctcag	tgccattgct	gtgatcacac	accacacctt	198480
gccacacaac	tacccatgcc	taggagacca	gatgagaggg	tgagaagagt	tgaaggccaa	198540
tgagtcactg	ctgtagaaaa	agcagcccta	agtgccacct	tcccctggca	ttggatctca	198600
gccatcaccc	tgtgccccct	tacagagctc	cacagatcgt	tctcaacatt	gacttggccc	198660
ccacgatcct	ggatattgct	gggctcgaca	cacctcctga	tgtggacggc	aagtctgtcc	198720
tcaaaactct	ggacccagaa	aagccaggta	acaggtgtgt	cattgttctc	cctctcagcc	198780
agcccccatt	acactgagct	ccagctgggt	cccagagcca	gccagcagct	gaagacatgg	198840
aggcagaata	tgccttgccc	acaaggatca	ccccagctg	agcatttctc	agctgcttgt	198900
gaatagcata	ttgatggaga	tgcactcatg	gtctgtggga	agtgagaggt	gtttctttta	198960
ataagctgtt	agcacagatc	catttggaat	aacgtccaga	tgccaaaagt	aaatattatc	199020
atthtgcttt	caggthtctga	acaaacaaga	aggccaaaat	ttggcgtgat	acattcctag	199080
tggaaagagg	gtaattattg	gttcctgggg	tgcttctggg	aaccagtcct	agtgggcagc	199140
ttccctgct	gagtattttt	tttctcctta	ttthtgthta	ctaagcatgc	agatttcgta	199200
aacctagtca	caagattgaa	tggthtgctg	cttattctgt	agtgggtcaat	agagtaataa	199260
ttgctggatc	agaattgtaa	agaataaccc	tcaagthtgt	taattgggtac	aaaaacacag	199320
ttagatagaa	gthtatagaat	ttgatagtat	agthgggaca	ttatcgthta	caataattta	199380
tgtatatctt	aaaatagcta	gaagtgaaga	attgcaaagt	tcccaacaca	aggaaaagat	199440
aatgagatg	atgaatatcc	caattatctt	gatttgatca	ttacacattg	tagactggta	199500
tccatatatc	acacgtaccc	ccaaaatatg	tataattgtg	atataatcaat	ttttaaaaata	199560
ccaaaaaagc	aagagaatga	cgactccaca	tccccaaaaa	agaataaatt	ctcataagct	199620
tggaccaaag	cctthtatcat	gggtgtagat	ttactgtthg	atthtctcag	gctggthtct	199680
aatcagacca	gtggattgag	tttctctacc	atcctcccca	cgthtctctc	taagctgect	199740
ccaagcctca	cccggcaccc	ttcttctctac	ttctacttct	ttthtcttgt	gtgecttctc	199800
tagththtaaa	tagataaatg	tatgccattg	taattattth	cattgtcact	tctgggtthc	199860
ccctthtggt	tcattaatac	ccattgcctt	gtthtctctc	gtacataaat	taggagagag	199920
aaaatatttg	tataatttht	ttaacaaaag	gaactthtgag	catgtaaaat	gaaacatgta	199980
tgcccaaatt	ttgaaattaa	tgtththggg	aagaacgaat	ctthtctctga	cctctcatct	200040
tcatcttacc	cagthtgta	ttthcataaa	ggacccatca	aatgtthgaac	tctgtagac	200100
agagctthta	catctattth	ttgctgtthta	aagaatgtgg	agtcagtgtga	cagggtaaaa	200160
aaaaaaaggg	ggcaggactc	agggaccgta	attcagatca	cttctcatgt	acgaagctth	200220
tccctththt	tcgaagcaaa	tttctacgta	agaaggaaaga	atccagcaag	aatatccaac	200280
agtcaaatca	cttgcccaaa	tatgaacggg	tcaaagaact	atgccagcag	gccagggtacc	200340
agacagcctg	tgaacaaccg	gggcagggtga	gtgacgcagg	ctthtctthac	caccactcat	200400

gtgcttctcc	atctctaat	tagaaaattg	tcacacatata	aaagaatgta	catttgtgta	200460
taaataagct	tttcctagtg	gccttgaggg	caagctcact	gagacacctc	tccgcgga	200520
gaattacgta	actggttcag	gctgggcctc	cccattacta	cttgggctcc	ctccagttaa	200580
aaaagatgat	gatctcagag	aaagttctat	gccaaaagac	actggtttcc	tctgaggaga	200640
agattcctgt	tatagtcctt	gttaactagt	cactgaagag	ttgccaaaag	gctacttagt	200700
caaagcacag	gtacgtgctg	agcctcttgg	cagtgaacca	ccccaaagaga	catgataggg	200760
ccttcaccct	aggctaaaagt	cagaatgtca	tcttaccctc	agtagaggac	agagcctgtg	200820
accaagcttg	aggaatgaga	agagaaaacca	tattctgttt	gtttattggt	cctacttctg	200880
ctcacaaaga	ttctggcatc	aaatatttca	ttagaataga	tcctcttcgt	tagtagaaat	200940
attactatag	acccagagc	taccagaat	accagttatt	atcagtaaga	ataaaagaaa	201000
tactgtgtga	tgaattaaca	ttgcttttaa	agaaagttag	tacgtatgaa	tttaaaccag	201060
tttaaaacca	ttgattttaa	atgccttga	ttgaaatgta	tgctagctaa	aagaaaatgc	201120
tgtgtcatga	caagaggaac	tgaactttgg	cccaaactcat	tgtagctgag	aacaaaatca	201180
gaggaaagt	aaaaatacta	acacatagtg	agcattttgtc	ttacatcagg	cacagtacgc	201240
aggattttgt	agcattttact	caatttaatc	ctcacaaactg	tagagttagg	tgggcattgg	201300
catctccatt	ttacaaatgg	gcagctggga	ttcaaacagg	agttgtctga	ttcaataact	201360
caggccactt	gctgccttcc	aaggtaagtt	acaataacca	ggtgaagaga	agttcaaate	201420
tgtgagtcct	ttttaactta	actgacctct	agatatccac	acaattcacc	aacaccagtt	201480
caagatgtca	ggctcatgga	atgagtaggt	aacaaagtta	ttattaaaat	ggcctcactc	201540
attatacgct	tattatatgg	tatctagctt	gttgaataga	cattcctaata	aaacaacttg	201600
atccttatac	cctgcatttc	ctcatgcttt	cttgtagaca	ggatcccttt	gaaatagaag	201660
aggatagggg	gggagagctg	ttgaaggaag	ggctaaaact	aagccttcac	tacattctag	201720
tacatcttaa	ttttcaagt	tttagtgag	aaaagctgag	acctattcat	tatattttaa	201780
tttgaagtct	tcaaactctt	cttatgaaac	ctccaaatat	tattatgaat	aaaacctcag	201840
aattgttttg	tagctctaa	atgattttta	tgagctagcc	tcaatagact	aatttacttt	201900
tattcaggag	ttgcaaagt	tcagtgttaa	atatactca	tgcaaattgg	tgatcttgtt	201960
actcttttag	ctctaagagg	tgaacattat	agccttttgg	gaataaggta	cactgcctac	202020
atttcagtg	gtaattttac	aaacctctcc	atatggcttg	ccctaaaatt	ttaatatatg	202080
tcctaaagg	caaagttagc	ataaaaccaga	ttatggtagt	ttggcacaa	cttttcactc	202140
acgagctgaa	tgctaactaa	gttacaaact	taattttgct	ttttcatatt	ttttgaactt	202200
gttttgggcc	catgaaatgc	tttcatatct	ggaattttct	tccactgttt	catttcgctg	202260
tgaatcagtc	tgaatttaga	tcattatgt	ggatatatga	gaacgtcagc	aatggctctc	202320
tttagaaagg	cctgaattcg	tgggaacaa	aattaggcta	tgccctgatg	gtgatttctt	202380
tctatagaat	ttctttatat	tgggcctgag	tgagctttag	aagtgaagac	ctggagagta	202440
tttcagattg	tctctagctt	cagtgtatcc	acagcactag	tgaattgtta	ctctaatecc	202500
gaaccagcag	gatcagcatc	cctgagagtt	tgtcagaaat	gcaaattctc	tggctattgc	202560
agaccttctg	aatcagaacc	cctaggggtg	aagcccagca	atctgtgtgt	taacaagtcc	202620
tcaggtgac	tctgatgctc	cctaaagttt	gagaagcact	attctaacc	acgattgtgt	202680
ttactggtgg	ccctcaaacc	atagcttagg	aatctaagaa	cttcaagaaa	attttgagcc	202740
ttaatcttta	aagcagttat	tgaatctgtg	ggtcaaacct	gatagctgtg	ttgtgtgttg	202800
ttgttttggt	ttctttggga	cagggtttta	ctctgtcacc	caggctggag	tgtagtggtg	202860
tgatcatggc	ccactgcagc	ctgcctctcc	tgggctcagg	ttatcctcct	acctcagcct	202920
cctgagtagc	taggactaca	ggcacacacc	accatgctcg	actaattttt	gtgctttttt	202980
agagatgggg	ttttgccatg	ttgccagggc	tgatctggaa	ctccaggact	caagtgatcc	203040
accacacttg	acctcccaa	gtgctgggat	tacaggagcg	agcctccatg	cccaggcagc	203100
tctgttgtgt	tctatcgact	ttttatatct	tggccttttg	ctctttcttt	ctggctactt	203160
tgaagattat	ctgtttttgg	cgacagtatc	cctgacttta	aaaaaggaag	aagaaaattc	203220
agaataatga	cactgaattg	ttcaggttcg	aggtggcagc	ggaggctaga	actgacctgc	203280
ttggaatctg	ctctctctcg	atgtccctcc	tgacatgcgc	cctgcttccg	ttcctcttaa	203340
caaggtgaat	ggccttcatt	ccaaggcaac	acagtcaggt	tttgacactc	catggggaac	203400
aaagggaaaa	tcagcatgac	tagccccatt	ctcttcactc	ttaatcccag	agatagtga	203460

tgccccccctc	ctaccacatc	tttgtgccag	gtcacctaaa	ggttggttgg	tggagtcaat	203520
gtgggtgcat	gaggttaagtc	aacagagaaa	agagatccaa	aggttggggt	tagaatattg	203580
gccgccacca	ctttctagtt	gtgtcttctc	aaatagggtca	cttactttct	cctgagtcctc	203640
aggttttcta	tctctaaaat	agagaaaatt	aacctcaccc	ttgtgaggat	taagtgatat	203700
tatacatgta	atgtactaaa	gtgagactga	gattttctct	agtgtgcgaa	tattgggtgt	203760
tattattatt	ccaagccatc	ttacctgctg	ttttcattcc	tatgaagcca	attagaatta	203820
aaatgggctg	aggccgggca	cgggtggctga	tgectataat	cccaacactt	tgggagcccg	203880
aggcgggcag	atcatctgag	gtcaggagtt	tcagaccagc	ctggccgaca	tagtcatagt	203940
gaaaccccat	ctctactaaa	aatacaaaat	tagccaggcg	tgggtgggtgg	cacctgtaat	204000
tccagctact	tgggaggctg	agaccgggga	atcacttgaa	cccaggaggc	agagggttgca	204060
gtgagtcaag	atttttaccat	tgcactccag	cctgggcaaaa	aagggcgaaa	ctccatctca	204120
aaataaataa	ataaatataa	aaagaataaa	aatgggctgg	aatcccagag	acttggcatc	204180
acttcttgac	tatgtgaaca	caacaaccag	cggggactaa	ttaagacaac	atggacatat	204240
gtgtttgcat	tacttccacg	ttcctgaatt	aatatgagat	ggagtgtgaa	ttcccaccac	204300
tctctcagct	gggcgttaca	cccccgga	cgtttatgta	cagacaccnt	ncncccatcc	204360
ccctacacca	tcacacacat	gcacatgtgc	atactgaggg	gcaaactctcg	acctctttct	204420
taaagcatgt	ttgttccaca	gagaacaaag	agcagtgatg	ctcaatgctg	gcggcacatt	204480
aaactcacct	ggggccgagc	acggcagctt	atggcttact	cccataatcc	cagcactttg	204540
ggaggctgag	gcaggagttc	taaatccccct	aagcccagga	gttctagacc	agtctaggca	204600
acctagggag	acgccgtctc	cacgcacaaa	caaaatagcc	aggcgtgggtg	gtgtgtgcct	204660
gcagtaccag	ctactcagga	ggctgagggtg	agggaaatcgc	ttgagcctag	gaagtcgagg	204720
ctgcagtgag	ccgtgatcgt	gccactgcac	cccagcctgg	gcgactgagt	gagaccctgt	204780
ctcagaaaaa	caaaactaaa	ataacagaaa	ataaaaaata	aactcacctg	ggtggcactt	204840
gaaaaatgct	gatgcacccc	ccagaccaac	cagggtaaaa	atgtctggaa	gtgaggccaa	204900
ggaatctgta	ttttttaacg	aggttaagaa	tcacaggcct	agaaccagag	aatatcaaag	204960
tttgaaggaa	tcttagaaat	cttctaagtt	gaatggtatc	atttttctga	taaggaaatt	205020
taggtccaga	aaagttaagc	tacaaaccca	aagccaaaac	ctgcatctct	tcacttcacg	205080
ttgagtactt	tcttccctgt	aacatgctgc	cactgcaaaa	ttgcaagaca	gattttccct	205140
ttgaaactat	gaatggcaat	caccactcac	ggtggttctc	aaccctgact	gcacgttaga	205200
atcatatggg	cagcttttaga	gatgcttatg	tttaagtccc	agcccaggca	agttaaatca	205260
gaacctctgg	gntatgagac	ccagggtacca	gtgttttttc	caagctcccc	tgatgattcc	205320
tacgtgcaga	caagcttgag	atccacaaat	gtcaagtgag	cattaatggg	ttggtttttc	205380
ttcttcttct	aggcataggt	attgacgtct	taaataggag	ctacataaaa	gagaaattcc	205440
ctgggcatcc	aattttgaaa	tacactttac	atattatctg	gcattttaagt	ggaaaaaagc	205500
agcctgcttt	gttttgatag	ggcaaataatc	acatccctttt	gatgagttgt	tgaattccag	205560
catctttaca	attttagtttg	cctttctact	attggatcaa	tataaaatca	aacatttggt	205620
taaaaatctg	tgaggacccc	tgcataaagc	aagctgatgc	tattataacg	gaaatagaat	205680
gtagtttggt	gagtggaaac	tggtttagct	ccaggatgga	tctttgttcc	tatacaaaac	205740
ttatctctct	ggccgtatat	ccttctgacc	ctttgtgacc	agcagcagag	catgaataat	205800
aagacattta	ccatggagat	cctcctagaa	ttgttagttt	tccagaagca	gacaaacctg	205860
tttcccaaaa	ctcactgaac	tctgggtcaa	atggcagcat	ggctcataga	catcttcccc	205920
tggctaacct	gattccagag	ggcacatcca	gaaggattga	gtccccagtg	ccatcctttt	205980
actgaattct	cctctgtgca	tgggtccatt	gtggaccact	cagcctttta	accttgcttc	206040
cttccctctt	caacccatgc	tgaagctcat	gtatgaacag	ttgttcatct	aattaaatct	206100
ttgacttctg	tgcatttggt	ctaaacaagt	caaaaaaaga	caaacatgag	aataggcatt	206160
ttactcataa	actgtataat	acagcccat	tctgcttaat	ttgtactgtg	tcttcttttc	206220
caccatttcc	taacagcccc	tcctaatacag	gtcctcctct	atgtttctta	aatgttacat	206280
gtgaatccca	ctttctcact	tgcattggagg	ttgttacttc	tctcttctca	cctaaggctc	206340
aggtctctct	ctatgtttct	taaatgttac	atgtgaatcc	cactttctca	cttgcatgga	206400
tgttgttact	tctctcttct	cacctaaaggc	tcacctgaag	actcatactg	ccttcgtacc	206460
attctccttt	tcatacgtat	cctgatcaag	gtgctttggg	attacatcct	ggatatactg	206520

ctttcttggc	atttgccat	gtgcaagttt	cttaacctaa	ctctgcctca	gtttcttcat	206580
ctgtaaaatg	ggcatcatat	agttcttggc	tcataggctg	tggtaaatgt	tatatgaatt	206640
aaatgtatca	agcatctggg	acaatgtcta	ggacatagaa	agcactcaac	aaatgctggg	206700
tgtcaatcat	tggccaagat	cagttttacca	atttcatttt	ctaggaatta	caataatcat	206760
acatcttcca	acattccagt	gttgactttt	acaagggatt	atctagatta	aaatctataa	206820
caggtaacat	ttctctctct	tctgcttctc	cttttctgtt	ttccgtcccc	ctctctttcc	206880
catctyacac	catctcaaag	aaaacaggcc	aggagataaa	tcctcctggc	acaagtaaca	206940
ctaattcata	tttgtgagag	aaaatttgac	aatgacttga	gctaagtagc	agtttggaca	207000
aagatgtgaa	tatggtcttt	gtatatcccc	cagtgttaag	ataaatat	ttaaaccatg	207060
tcacacatgca	ggtaactttt	ttatgatgtt	catgttggca	tgaataataa	tcagtttatc	207120
acaaaattac	tatacagttg	tgacatttca	gagaacatga	tttgacctgc	attatggcca	207180
aatccatgtc	ataagacata	tggtaaacaa	gaactagtgt	gtgtttatgt	ataaaattaa	207240
gctttcactg	cagtgcacct	ttgaaaaagt	tgtacacaat	ttttttaatt	tttcttttta	207300
tttcaatagt	tttcgggata	caagtggttt	ttggttacat	agataaattc	tttagttaga	207360
tttctgagat	tttagtgac	ccatcacc	agcagtgtat	actatacccc	gtttgtagtc	207420
ttttatccct	cacctgcttc	ccaaccttcc	cctccaagtc	cccaaagttt	attatatcat	207480
tcttatgcct	ttgcgtcctc	atagcttagc	tcccacttgt	aagtgagaaa	ataaaatatt	207540
tggttttcca	ttcctgagtt	acttcaactta	gaatagtggg	ctccagctcc	atccaagttg	207600
ctgcaaaata	cacattat	tgttcccttt	tatgcttgag	tagtgttcca	tggtgtatat	207660
ataccacatt	ttctttatgc	acttggttgt	tgatgggcat	ttaggtggg	ttccatattt	207720
ttgtaattgc	taattgtgct	gctataaaca	tgctatgca	tgtgtccttt	tcataataatg	207780
acttcttttc	ttttgggtag	atacccagta	gtaggattgc	tggtatcgat	ggcggttcca	207840
ttcttagttc	tttaaggaaa	ctccatactg	ttttctgtaa	tggttgcaat	aatttacatt	207900
ctcaccagca	gtgcaaaagt	gttccctttt	gccacattca	cgccaacatc	tattgttttg	207960
ttttgacttt	ttattatagc	catgcttgca	ggaataaggt	ggtatctcat	tgtggtttta	208020
atgtgcattt	ccttgatgag	tagtgatgtt	gagtattttt	tcatgcttgt	tggctgtttg	208080
tgtatcttct	tttgagaatt	gtctattcat	ttctttaccc	tacattttga	tagaattatt	208140
ggcttttttc	ttgctgattt	gggtgagttc	ctttgtagat	tctggatatt	agtcctttgt	208200
tggtatgcata	gtttgcaaat	attttctccc	actctgtggg	ttgtctgttt	actctgctga	208260
ttatttcttt	tgtgcgcag	aagggtttta	gtttaattag	gtctcattca	tttatgtttg	208320
gggtttttta	tatttgcctt	tgggtgtctta	gttatgagtt	ctttgcctaa	gccaatgtct	208380
agaagagttt	ttccaatggt	atcttctcaa	atttttatag	ttttgggtct	tagattttaag	208440
tctttgatcc	atcttgagtt	gatttttctg	taacgtgaga	gataggaatc	cagtttcat	208500
cttctacatg	tggcttgcca	gttttcccag	caccatttat	tgaatagggt	gtccttacc	208560
caatttatgt	ttttgttaac	tttgtccaag	atcagttggg	ggtaagtatt	tggctttatt	208620
tctgggttct	ctattctgtt	ccattctatg	tgctgtttt	tatgccagta	ccatgctgtt	208680
ttggttaatta	caggcttgta	gtataattag	aagtcaggta	atgtgatgcc	tacagatttg	208740
gttttttttt	tttttttgc	taatatgtt	ttggtgtagc	caatttttgg	gttttttttt	208800
tttgtttctt	actcatgaaa	atggacacaa	gtaggcataa	gtaagaacag	agaacaacat	208860
ccttaaccaa	tctgagaaat	atgtgcaatt	caaaatgcag	aaattataat	gattacttag	208920
tggtacttcc	aggaaggaaa	agcaaccaga	ggtcatctaa	tattgcacta	agtattttac	208980
atggaaaact	gttctatgag	atacatatta	tgccattttt	agatatgaag	agactgaaac	209040
tcagatggga	aaataacttg	accaaagtca	cacagctaga	agaatgacaa	acctgagttc	209100
aaaccaagat	ctgggtgact	caaagcttct	gtctctctca	ctaaataata	attattttgt	209160
acagtttacc	accagaaaac	attagcttgc	ccaggattgg	ataaactttt	ttaaaggccaa	209220
ttatagtact	gctctaggtt	catatagtac	atcttttctt	tagaacttca	aaacactcaa	209280
acaatctatt	ctcatgacta	tccatgaagc	caggaggagc	aagtattatt	ttatcggtatg	209340
tggaatccag	aagaacaaag	agattctgca	atgtgtctaa	agccatagag	ttagcagcaa	209400
aaaaaaaaaa	ataataaaat	taaggtcttt	gaatcccaac	ccaataactca	tctccattaa	209460
aaatggctac	ctcttatcaa	atacacatta	gatcacattc	tttaagtaat	aaaccatgtg	209520
tggtgtatg	tatgtaataa	taataataat	agcagctgct	ttgtgtgagt	gcctgccatg	209580

tgctgagttc	ttaccgtgtg	ttatcgctaa	tgctcataac	tctgcaaagg	ctaagtgtggc	209640
atagcttact	tgctcagggc	cacatagcca	tgtgatagag	ctggtgttca	aatccaggct	209700
ttttgagctt	gcaaatccag	actttttcct	ttaagccaca	ccgatgagta	aaaaacacca	209760
ttccgagtcc	aagacagaat	ataggtaata	ttcactacta	cgaaatccta	tttcagtaaa	209820
tgacttgtga	cagcactctg	ggttgtagt	aggattaaat	gaaaaattca	taaagagtgc	209880
tctagagcag	tacctgctat	caagcaagag	ttaaataaat	gatcataatc	atggtagtca	209940
agatgatgat	gaatgaaatt	gtttgaaatg	cgtttgacat	atctctcatt	agatttgatt	210000
ccaccaaact	agctgcacac	tatttgtatc	ctcatacca	aattgccagc	cttctcttct	210060
tcatcaggtg	ttattttatat	acaggcagat	ataatcaatc	aaaaacacta	acacataatt	210120
acctaacca	gtgattctgt	gctgagataa	cttctgggaa	tgactcagga	atatgagaca	210180
tggcccttgc	ccttaattcc	aacttccacc	atagttggaa	aggctgaaag	aaaattataa	210240
caacttaaga	aattatttta	atagttttat	ctagcacctc	accataaatt	gctgtgcaga	210300
aatatttgtg	gaatgactgt	gtgctaaatt	attggcacag	actgataaat	cagacagaag	210360
gagaacggaa	ataatgtagt	tgcagaaaa	aggaaaacaa	tttgacaga	gaatgaacca	210420
tcagtgaaga	tggagacaat	cggtatttggc	aattaactga	tttactgata	aacttcaaga	210480
gcatagataa	tagaaagaca	gtgtgacagc	tgtgtttctg	caagggcact	tgttgaacaa	210540
agctcatttc	tgaggctgac	tccacacatc	ccattagcag	gtgcctcacc	tgagctcagg	210600
ctttcatctg	attcctgaaa	ctctcctgca	atgcaaaaa	catcccttct	cattattttg	210660
actattttaa	tggcttgcct	catgagtttc	agagcaattc	ttttaaaaa	tctctttatc	210720
tgcttccctc	tataaactct	ctaagatcac	cacttttagt	gtagctattt	caaggtttta	210780
ttgtgcagtc	ataaaaaattg	tcatgatatc	gagttctaaa	atggctgtgg	caatgtgtga	210840
taattacatt	tcatataaat	tcctagtatg	cttgccagta	ggaagatttt	caaagcctct	210900
agttaattac	tttatctaac	agggtctatg	actttttcaa	agggtccatg	gtagaaaaaa	210960
taattgacat	ttttgttcat	ggctcttgct	tcatccaagt	atgtgtgtag	atatatgtat	211020
atatgtagta	tgtatggata	atatgtttgt	atgcatgtgt	gtagacatat	atgcataat	211080
gtatgtatat	ttgatttctg	atgatacatc	atcatagcca	aggacagtgc	cagacatcca	211140
gtgtggttaa	attcaactct	tcagaaagga	aacacctttt	cccttcatct	ctatcccata	211200
ggaaaccaac	aaagaatttg	gctaattggga	aattcaacta	ggattccaaa	tagcctaagt	211260
cactaaaact	tctgcctaca	cctttgtgtt	ctacaggaat	ctactgttac	cctcagctcc	211320
tccagggcaa	aaacaaacaa	aataggcgaga	attccttgaa	tgcattgtga	ttataaaaa	211380
cacaggtttt	cactatagtc	atgtgcttta	aaaattagta	tttgtactaa	agttgatata	211440
aattggatcc	acaaaaagac	tttagaccat	tatttttcaa	gaatatatat	atacacacac	211500
atatatatgt	gtgtatatat	aatgtgtata	tataacacac	catatatgtg	tgtgtatata	211560
taatgtgtat	atatatacac	acatatatgt	gtgtgtatat	atacatatat	atgtgtatat	211620
aaatatatat	acacatatat	atgtgtgtgt	atatatatat	atatatatat	ttttttgaga	211680
cggagtcttg	ctctgtcacc	caggctggag	tgcagtggct	caatctoggg	tcactgcaac	211740
ctctgcctct	caggttcaag	ccattctcct	gcctcagcct	cccaaatagc	tgggactata	211800
ggcatgcgcc	gccacctggc	taatttttgt	ttctttgttt	tttgtttgtt	tgtttttgga	211860
aacagaatct	tgctctgtca	cccagcccg	aatgcagtgg	catgatctca	gctcacggca	211920
acctccgct	cccaggttca	agtgattctc	ctgcctcagc	ctcccaagta	gctgggacta	211980
taggcgtgtg	ccaccatgcc	cagctaattt	ttgtattttt	agtagagacg	gggtttcacc	212040
atgttgtcca	ggctggtctt	gaactcctgt	cctcaggcaa	ttcacctgcc	tcagcctccc	212100
aaagtgetga	aattacaggc	ttgagctact	gtgcccggcc	gttttttttt	tttttttttt	212160
tctgtatttt	tagtagagag	agggttttgc	cacactggcc	aggctggtct	tgaaccctctg	212220
acctcagaca	atccagcctc	cttggcctcc	caaagtgtctg	ggattacagg	cgtgagccac	212280
cacaccgggc	ctcaagaata	aaattagcca	tattttcctg	tctgatagaa	gatggagcac	212340
ctcttacgct	tccacttggc	tgtggattgt	gaattcacta	gcgattattt	ttgcttctct	212400
aggcattaag	cagtcaactc	ttcattttta	aatgctagag	gcagagatca	tccaggtaga	212460
tggataagcc	ttaaaccatt	tggattttaag	acagatatat	atacagacag	acactcaa	212520
gctactgatt	cccaaacttt	gcaaagttac	gaaaagttat	ttattttggc	aacactttcc	212580
ccagcaataa	ttctatatag	catatagtta	tatgttaatg	gagttgtctg	tcagtttctg	212640



agcccaggct	gtagtgca	agcatgatgg	catgatctca	gctcactgca	gccccgacct	212700
cctgggctca	agtgatcttc	ccacctcagc	ctccctccaa	gtagctggga	ccacaggcat	212760
gtgccagcat	gcttagatgt	atataaccaca	ggcatgtgcc	agcatgctta	gctatatata	212820
tatatatata	tatatatata	tatatatata	tatatatata	tatatatata	tnantgtnt	212880
tttnnttttt	tttgagaga	cagggtttca	ccatgttgcc	caggctgttc	ttgaactcct	212940
gggctcaagc	aatccacctg	ccttggcctc	ctaaagtact	gggattgtag	gtgtgatcca	213000
ccacacccag	ctctgagAAC	ttttttgatc	atctcttgcc	acatcctaaa	gctaattgga	213060
tagccatgaa	tgctataatt	gggtctgtga	gtgccacaaa	cccaggcctg	gaaaccactg	213120
atctccacat	tAAatggcag	aatcatgaac	aggccgcag	cagttttcag	ctaagtcaaa	213180
attctgtcac	ttatcaacta	actgtggaga	cagcacaagg	ataactgggt	tcacttaaac	213240
aacgcacata	gtcctgaaag	cataggtgca	ctgatagtat	tcacccatcc	aactggagtc	213300
atcttctgac	ctgcttacat	cagtacattt	ctagacacag	cttcctttgc	acatgccgcc	213360
cccaccaatt	acacgcaccc	ctctcaaaag	cccattgcac	tgagctactt	agacttaaat	213420
atatccctcc	tgcttcccc	atggaatcca	gctgcaaaac	tgtccagtaa	gcagttgcta	213480
atgtaaagca	gtggcctgaa	ctccaaactgc	acattagaat	catctgggga	gcttctgaaa	213540
gtccctctgt	ccagccaaat	ttgagaacca	ctcatctgac	ctaaacttcc	gtgtttaatt	213600
aagttgactt	cacagttttt	aagttaaatc	atctctaact	tagtccttag	gctgttcttg	213660
tttgtgttgc	ctttttgtgg	ctttgtaagt	aaaatccacc	ctctctatcc	gtgggttcta	213720
catctgtggg	ttcaaccaac	tgcaagtga	agaattgaa	aaagaaaaga	tgatttcgtc	213780
tgtattgaac	ctgcataaac	tttttttcc	gtgattattc	cctgaacaat	acagaataac	213840
tactaattac	atagcattta	cattgtatta	gatattacaa	gtaatgtaga	gataaagtat	213900
acaagagtat	gtatgtaggc	tAAatggaaa	tactacattt	tatatcagag	acttgagcat	213960
ttgtggattc	gggtatctgc	agggcatcct	ggacccaatt	ctcagtggat	gctgagggat	214020
gactcgttag	tcgcctgtct	gtcccttgag	ctcctgcttc	tctggatgaa	gatgctaaac	214080
gttcaagaca	tcctagccaa	tccacaaaaa	aagggtgtac	cctgatatgg	cttgaacaaa	214140
ccaaattcag	tagtaccag	agtatagggg	gctaaagcaa	aatcatagaa	gaagtccgt	214200
atctctagga	tttggggatt	atatagtaga	agccaaaaag	cagctctgat	aattcaacat	214260
acattgaaga	catacaactc	ccttaagaga	aagcaacca	tggtctctga	tcttggttca	214320
tcattgaata	ttgcataatc	ttttgtacac	gagtgtcagt	tatcagcaaa	gccatctggg	214380
acctttggcc	aaactttact	ttgcagttag	acactttgca	accaagatat	caccccaaat	214440
atgtactgg	ataagaggga	ggatagagat	ccttttaaat	gatgcagtga	agaacatctt	214500
ttattttaata	attatttatt	tatttgaata	tatttgaaaa	tatacgtggc	acaaaaaacc	214560
ataattttac	agtgcagata	gtattgttct	gtccacagtt	tagaaatgca	cccattttaa	214620
gaagagtttc	tcactcttta	actagatatg	aacaaaaaca	ataaaggata	aagaaaagtt	214680
tcagtagata	atggtacaca	actgatagac	ctatatggaa	aggaaaaaag	acaaaagtg	214740
gataacacta	tatttttaact	ctgtgacaac	tgtggccaac	ttaaaattaa	atattcttcc	214800
tgctcccca	attaattttg	tagggagaag	ggggaaaata	aaatgtaaaa	gaagttattc	214860
agtctttaag	taagatgtgg	aggatcccag	gaaatgacc	ccagggtgaa	gagctattat	214920
ttcagccagg	ttgagattca	gtaagtgcac	ggacacttag	tccagaggca	atgtcatatt	214980
tacntntngg	atgtaagcct	gcagcatctg	tggcaggcat	gttagaaggc	tcagtctaga	215040
aaagtcagt	caagctcccc	gtatgtgtct	gttgggaagt	gaactctgtc	tcacatagca	215100
gcattgccc	tctctgccga	gtatgcagtt	gaaactgcag	agttccctga	tccccctcac	215160
aggatgtgca	acagggtgtg	ggcatgcctg	cttggtcacc	accactgtct	aaacccctga	215220
tgagaggggg	agcacgcaga	taggcaggta	caggaaaccag	ggcgagtctt	ttgggctcca	215280
gccctgcggt	agtatctagg	ggcgggtgcc	gacggcccca	gtgttacaat	gctcttttag	215340
ccttgccgtc	tgcaagacag	ttgttaacca	gttcaatgga	ccctctgcct	tttgacaagg	215400
gtagagggcc	aatatgacag	ctttccgtat	tccaagctct	tgcttagctc	ttggaagaat	215460
caggtcacac	acgggcttga	aggatgaatg	cagggtttta	ctgagtgttg	gaggtggctc	215520
tcagtgggac	ggatggggag	ccagaagcag	ggatggagtg	ggaagatgat	cttccccagt	215580
ttggccgctg	gatggccaca	ctcctctctg	acccttagcc	aagctcctct	cagtgttcag	215640
acgttccctc	tctgtctttc	tctgccacct	tgttccacca	ttcgtcagct	tgtctcctca	215700

tctccttgtc	tgcttccgga	gcctgagttt	caggggtttat	atgggcacag	gataggtggc	215760
atggcagggc	aaaaacaact	tttgggggtgc	aaaaacagga	atccctgtcc	ccatttaggg	215820
ctgtagattc	cggggcttga	gggtgaggcc	tttgccagga	aactaccttc	ttctacccag	215880
ggtttccctg	tcttctgtcc	atatcacaat	gttcttagaa	ggataagaaa	agacacaaaa	215940
gaaagcctga	caagtttget	aatgtctggg	gtatatgaga	gttggctcgc	cccatgatgg	216000
gctccaatta	aattcatctc	tgtcttccctc	atgtgccatt	cttccctggc	tcacattaga	216060
aattcaggag	cggagaacaa	agcagccaag	tttgtttttc	cagagcaaga	ggggtctggg	216120
gaaagcagtc	ctgacagctg	caccgtgtgt	cttgggtgaac	taacggcttt	tacgtgtttc	216180
attcaagact	gtttagtctg	cgtgctaagg	attcatatat	cagtttttgg	ctctagtga	216240
attgaggtag	tttgattttcc	aatgattttcg	ttgtcatctg	tattttgccta	cagtgaagaa	216300
aataactgag	agtcgagtta	gtgcaggggtc	acttaaaaagc	ttgcctttct	tcattcactc	216360
tccttaataa	tattgccagt	gcttctaaaa	aaaagaaaaa	agaaaaaaac	taaggcagca	216420
gctcttaata	aataacacct	ggagcagaat	cggtaaaactg	ctttcacgtt	ggcttttgca	216480
gaagtggcaa	tgcattgagg	atacatctgg	caagcttcga	attcacaagt	gtaaaggacc	216540
cagtgcacctg	ctcacagtc	ggcagagcac	gcggaacctc	tacgctcgcg	gcttccatga	216600
caaagacaaa	gagtgcagtt	gtagggagtc	tgggttaccgt	gccagcagaa	gccaaagaaa	216660
gagtcaacgg	caattcttga	gaaaccaggg	gactccaagt	aagccacgct	tttgtgacca	216720
tctcaatggg	ggcctaggcc	tgtgggaata	aacaatagag	agacgaaagg	gttgctcctt	216780
ctacattttta	gatattatca	atgcatcatt	ttcaggctaa	aagcacatca	ttgctctatt	216840
taaaataaga	aagctaagac	taatgtgaca	ttttgctttg	taaacatttt	cacttaagca	216900
tagaatgaaa	atatagttca	taaaagcacc	agatgcaaaa	catatgcaca	cataaaagag	216960
tttataaaat	ggttattcca	aaaggtaaag	gatatgggtt	aagtccattt	tattttatcg	217020
taatgccaac	atctcctgac	ttgtctgcct	gaagtgtgct	ttaaaaaata	gtaaatacaa	217080
ggtttccagt	tgtatgcatt	taatttttaag	aggaaaagca	taaacacttt	tttaaggcat	217140
atattttta	ctctgtttta	ggacaatata	tgtatgtttt	aattctgtca	aatcattgga	217200
tctcgttgat	tggcagggac	aaactagttg	cattcagtat	gaaaaatact	tcctagaatt	217260
ttcttaatag	ctataagaaa	cctacgatta	tataaatgtg	aaaatccacg	ggctgacacc	217320
ctccacgaaa	gaatgaatct	agtaccacct	agtggagtaa	catggaaaat	gactcaattt	217380
tatggtgatt	tctttctata	ctggtttgga	aagaagcaat	ttaagtaaat	taaattctat	217440
gtcaaagatt	tggaaatcaa	atcatacact	agaacaatgg	aagccctgag	aacaggcatt	217500
tttattgtag	actccacaat	atgggcttca	gggccatgcc	ctgataattt	atccaaaatt	217560
gttgtgtttt	ccatgtgtat	atggacattt	gtttccatgt	caacaatttt	taacaaaatt	217620
taaaggaatc	cgtaaagcaa	aatactaaga	atctttgatt	tgggagactt	tttttcttcc	217680
ctaacagaaa	aattccaggt	ctaataactc	acacaaagat	atcaaatttc	tgaaaatcaa	217740
taaggccagg	cgcggtgact	cacatctgta	atcccatcac	tttgggaggc	tgaggcaggc	217800
agatcatttg	aggtcagggg	ttccagacca	gcctgaccaa	actggtgaaa	cgccatctct	217860
actaaaatta	caaaaaaaat	tagctgggca	tgggtggcaca	cgctgtaat	gccagctact	217920
tctcgaaaag	ctgaggcagg	agaattgctt	gaacctgaga	tgcagagggtg	gcagtgagcc	217980
gagatcgcac	cactgcactc	cagcctggat	gacagagcaa	gactccgtct	caaaaaaaa	218040
aaaaattaat	aaggagcag	gaccccagca	tgctcttttt	tcagaagctg	attagcaaca	218100
ttcagtttag	aagtaggagt	gcccctcttct	cttccagaaa	gttcgacctt	gtttcccagg	218160
cactgggcat	aaggcacatt	gattttttcag	tattaggcac	aaacacaagt	ctagggcagc	218220
tctctcaaac	tgtatggaat	cttgtgtatt	tgagagcagg	agtcggtttt	caccctttct	218280
gcaaggatgg	aactcgtaag	cactcttatt	gacaccctta	ctgtcacgga	ggttgctccc	218340
tgatctggaa	actgcaggat	tcagctgaga	ggtgtctcag	aagcatgaca	attctgattc	218400
cacagccagt	atgccccact	tctttctatg	ttagcagcag	gctagagcga	taaggccaga	218460
cgaatatgcc	tctacagagc	taagagcatc	tagtgtttgt	gcattaaagt	tcttatctgg	218520
tacacatgag	ttcttgaaaa	ggttccatag	tcaccagaaa	gcatgctgcc	ctctccccat	218580
ccctgcccgc	ccacccttg	ccttaaccct	cctctgccag	gtataaaagt	gagttggctg	218640
atgaaagcat	taacaaaatt	taattcttct	tagagtaatc	ctctactatt	tgtacaaata	218700
gaagttgtct	agagcatttg	cctctttgaa	aaagcagccc	aatgtagtgg	taagacttca	218760

tagtctcaga	agattatagt	cctagctcca	taaccttgca	aaatgtatgt	gacattcaaa	218820
acttcagttt	tctcgtccat	aaaataagga	tgaaccggta	ttgacaatct	gatgtttttg	218880
tatgtaaggg	tttttataat	aatacctgtc	tttcaagact	ccagattaga	gataaatatg	218940
aagtatataa	tacatagcaa	aagctcaata	aaggatagtc	attattatta	acaccataat	219000
tgggaatatg	gttttatcca	aaaaaatagc	ctgagcagtt	cacattgaaa	accaaatagt	219060
gaagttcaca	gcctgccatg	aataaaaagg	atcctagaaa	tcacctggac	taacccccctc	219120
acttgacgga	tgaagggctg	gagggcccaga	gaagtgtgtc	atccatcaca	ctgccaggca	219180
atggcactgc	caggcaatgg	caactggcagg	caatggcact	gccaggacaa	cctctgctac	219240
cgtgaattgc	aggcaccacg	atgccactca	gcaatgcagc	atggactgct	ttctccactc	219300
caggatccct	tctggaccag	gtgatcactt	tcttcccttg	taagctacat	caggacatcc	219360
atagtaatgt	atcttccctt	acttctagag	tacaagccca	gatttgtcca	tactcggcag	219420
acacgttcct	tgtccgtcga	atgtgaaggt	gaaatatatg	acataaatct	ggaagaagaa	219480
gaagaattgc	aagtgttgca	accaagaaac	attgctaagc	gtcatgatga	aggccacaag	219540
gggccaagag	atctccaggc	ttccagtggg	ggcaacaggg	gcaggatgct	ggcagatagc	219600
agcaacgccg	tggggcccacc	taccactgtc	cgagtgcac	acaagtaaga	aagctttatt	219660
tgttcactag	ggttgagttc	agaattacca	ccacaacaca	ccatattatc	accattttgc	219720
acttggcaaa	aaagcagtat	cacttggcaa	tacagtgcct	gagggctggc	ctatgtagca	219780
actggggggt	aaagaaacaa	tgagtccacg	caatcatagg	cttggacaca	tgctttgggt	219840
ttgatttcac	attaagactg	atcagctagg	aatccagcca	gagtaattca	cattaaggct	219900
gatcagctag	gaatccagcc	ggagtaattc	cgtcacatct	tgacttagca	ggcatggagt	219960
tcatgagcct	aagcagttac	cttcgcaggc	atctagaaaa	cagatggaaa	caatttcaga	220020
ggctggaagt	tcttccatgt	tacacaatca	ctgtcacttg	gagcagttgt	gtagtccacag	220080
actcagaaac	gaaacacagt	ccaagggagg	acagtgcagc	ccagagacgc	ttccagagag	220140
atgatgtagg	ttacaaatgg	atgtaagaca	tacaaacatc	taaccagtcc	cggatcacag	220200
agagggccct	ggaagtcaag	gggacagggg	aggcagatga	ttccctcata	agtttaatga	220260
actcactttg	ttctttgggt	ccatccaaag	tctacttact	ctcttgatta	ggaaatgttt	220320
tctttctgaa	tttattagca	agatctttgt	tttctctccc	taattgtatc	actttgagga	220380
gatgggacac	tgtgtgctct	gccaggattt	ttatctctga	ggctctgggc	tcctgggtgcc	220440
tgaagttgat	gcagttatat	actaaggggt	ttagaccaga	atgcatttct	cttacattat	220500
taaccccaca	tcccacctac	tgtctatccc	tggggctggt	tgtttacttc	aaaactcagt	220560
ggggtactta	aggcactctc	tttttaacaa	aatgagtggg	atgaattccc	cttctgaatc	220620
tgtttttctt	caaacaagcc	atttgcatta	tgatgtgaaa	ggtccctttt	gttctatgtc	220680
tatttgaaact	tgagtttttt	ggtgggtatcc	tgttcatgag	ggtgtgagca	ttgaaaactg	220740
ccttgaaaag	tggttgtagg	gatgatctta	gtcacagagc	tgtagacacca	tccacccatg	220800
tgacattttg	tcctcactgg	tggetagaac	ctattgtgtc	cagaattggg	gggttcttgg	220860
tctcactgac	ttcaagaatg	aggetgcgga	ccctcgtggg	gagtgttaca	gctcttaagg	220920
tggcgcatct	ggagtctgtc	ccttctgatg	ttcagatgtg	ttcggagttt	cttccctctg	220980
gtgggttcgt	ggtctcgtct	gctcagcagt	gaagctgcag	accttcgcgt	gagtgttaca	221040
gctcttaagg	cagcgcgtct	ggagtgtgtc	gttccctcca	gtgggctcgt	ggtctcgtct	221100
ggctcaggag	tgaagctaca	gatcttcgcg	gtgagtgtta	cagctcataa	aagcggcgtg	221160
gacccaaaga	gtgagcagta	gcaagattta	ttgcaaagag	cgaagaacg	gagcttccac	221220
agtgtggaag	gggacccagg	cagattgcca	ctgctggctc	cggcagcctg	cttttattct	221280
cttatctggc	cccacccaca	tcctgctgat	tggtagagcg	gagtggcctg	ttttgacagg	221340
gtgctgattg	gtgcattttac	aatccctgag	ctagatacaa	aggttctcca	cttccccatc	221400
agattagtta	gttacagagt	tttgacacac	aggttctcca	aggccccacc	agagcagcta	221460
gatacagagt	gtcgattggg	gcattcgcaa	acettgagct	aaacacaggg	tgctgattgg	221520
tgtgtttaca	aaccttgagc	tagatacagt	gtcaaatggg	gtattcacia	tccttgagct	221580
agacataaag	gttctccaag	gccccaccag	agcagctaga	tacagtgtcg	attggtgcag	221640
tcacaaacct	tgaactaaac	acaggggtgt	gattggtgtg	tttacaatcc	ctgagctaga	221700
cataaagggt	ctccgaggcc	ccaccagagc	agctacatac	agagtgtcaa	ttggtgcact	221760
cacaaacctt	gagctaaaca	caggatgctg	attggtgtgt	ttacaatccc	tgagctagac	221820

ataaagactc	cacgtcccca	ccagactcag	gagcccagct	ggcttcactt	agtggatccc	221880
gcacaggggc	tgcaggtgga	gccgtctgcc	agtcccgcgc	catgcgctcg	cactcctcag	221940
cccttggttg	gtcgatggga	ctgggagcca	tagagcaggg	ggtggtgctc	gtcggggagg	222000
ctcgggctgc	acaggagccc	atggagtggg	tgggaggctc	aggcatggcg	ggctgcagtc	222060
ccgaggcctg	ccctgcggga	aggcagctaa	ggcccgggtg	gaaatcgagc	gcagcgccgg	222120
tgggctggta	ctgctggtac	ctccgcagcc	gctggcccgg	gtgctaagcc	cctcactgcc	222180
cggggccgca	agggccggcc	ggcctctgcg	agtgtggggc	cagccaagcc	cacgcccac	222240
cggaaactcca	gctggcccgc	aagcaccgca	ggcagccccg	gttcccattc	gcgcctctcc	222300
ctccacacct	ccctgcaagc	tgagggagcc	ggcactggcc	ttggccagct	cagaaagggg	222360
ctcccacagt	gcagcagcgg	gccngaaggg	ctcctcaagt	gccgccaag	tgggagccta	222420
cgcagaggag	gcgcggagag	cgagcgaggg	ctgtgaggac	tgccagcacg	ctgtcacgac	222480
tgccagcacg	ctgtcacctc	tcaatattcc	cattgatgct	ggtcttggt	cagctcaacg	222540
gttactgcat	gtatcaacat	taaggatttt	gaggattaaa	atttctcttt	gttatcttta	222600
gtgttttctg	ctattagaat	ataaacctat	ttcacatggt	tttggtttgt	tttgagggtg	222660
ttttattctt	cccaatgact	ctatccattg	tgagagagaa	ctgtaccaat	cggccagagc	222720
gtggaaggac	cataaggcat	acattgacaa	agaggttagc	catggctatg	tgactgtcag	222780
atatattcca	aactcaaact	cggcctgcc	gccctgctgt	gtctggtggg	acataaccaca	222840
gatacacatc	atctataatt	atgtgaaaaa	atacaaaaaa	aaaaagttaa	ttgtctttct	222900
ccagtgattt	aatgatagtc	ctactgaaaa	caatatagag	tatgagaaga	gactgggaac	222960
tgactcaatg	gtctttttgaa	atctctgtga	gaaaatgatt	cagttataaaa	agaggaatct	223020
gctaattgtt	atctataaca	catgggttgg	aatatagagt	ctatatagac	atattctatg	223080
cccagtttgt	ttctatgtta	agtatcatct	cagatgaata	gctgttatta	cagaacagag	223140
aaaacaaggt	gaaaagaaaa	gtacttttga	aagaaaatcc	tgatcttaat	acgtaagtgc	223200
ttgaaaacat	gttttccaga	ttgaagctct	gcaagataaa	attaagaatt	taagagaagt	223260
gagaggacat	ctgaagagaa	ggaagcctga	ggaatgtagc	tgcaagtaaac	aaaggtgagc	223320
ttgtttccat	ccatgctcca	ctttccaaat	tcatttccgc	acaagccaga	ggcattagca	223380
ctgggctcat	ttttctctct	tacctataga	atgtattgtc	atagagtacg	ataacctaa	223440
ctatttaagt	aaaactaaat	atgcttaaac	ttaagcagaa	agtaaaaagt	cacattcagc	223500
taaaatactt	acaacatcac	tgccttccct	ctttctattt	tgctttcttt	ttataaaaatg	223560
aacactttga	tccaatgcaa	ggctatgaag	tctcactttt	taatcttctc	tcctgcagct	223620
attacaataa	agagaaagg	gtaaaaaagc	aagagaaatt	aaagagccat	cttcacccat	223680
tcaagtaagt	aactctctgt	tttccacatt	tgctgggagt	caatgactgt	ccacctggcc	223740
cttcgaagag	gctggagggg	cccctgtgtt	tcctgcagtg	ccgcttcaga	agaagtagat	223800
ccatctagga	gggcacctag	ctcatgaagt	tgaaagcaaa	gccccacctc	accaagggac	223860
cgtggcaatg	ctcttggtcat	cctttgttgg	ggaggcttgc	tgaactccac	tgtcattctg	223920
tgggtgctcc	ctacctggca	gatgggaoca	gtaactagat	tttactccat	gcactgcttt	223980
ctgtggagag	tgcttgaggg	ttacagactc	tctcgatgca	gttggtgttc	tacagagcag	224040
cctggaatag	tgctgaattc	tgaaagtggg	aagaaatata	aattttttta	aataatagca	224100
aaatttgc	gtgaaggaga	tttagtattt	aaacttcaac	aaagttaaag	ccttttatat	224160
ataaaaaaca	aaataataaa	aaataattct	aaaaaataaa	ggctatctaa	acttgtttag	224220
tagaatttgt	caaagaattt	tttaaaactt	ttaatccaag	ccatctgatt	caactaacct	224280
ttaactcgat	ggctgattgg	tactcggtcg	ccaaaaaaat	gagccatttg	tccaaagagt	224340
gtggctagca	ggatcctgtc	attcacatta	acattttattt	ccatcgatgt	ttccatgcac	224400
atgaggagga	aaatgttgg	cctcttaggt	tcaataagg	cccaagaaag	ctgtcactga	224460
atgcatttgc	attcagtgtt	ccttttttgt	tgttttttcg	agacagagtc	tcactctttt	224520
gccaggtct	tagtgcggtg	gtgcaatctt	ggctaactac	aacctccacc	tcctgggttc	224580
aagagattct	tgtgcctcat	cctccctagt	agctgggact	acaggtgtgc	gccaccacat	224640
ccagctaatt	tttatatttt	tagcagagac	aggggtttcac	cgtgttggcc	aaactgatct	224700
caaactcgtg	acctcaagtg	atccgcccac	cttagcctcc	caaagtgtcg	ggattacagg	224760
tgcaagtcac	tgtgcccgag	ctgccttcac	tattoctgat	tctattttta	gtccctctat	224820
acaaaatgaa	ggtcgtccat	tatctcttat	caaggcatct	aaatatttgt	gcaagactca	224880

cagcaacaag	cctatttgta	attgagaaag	tgccttctga	acactcaaaa	taatcccttc	224940
tcttggaaca	gggaggctgc	tcaggaagta	gatagcaaac	tgcaactttt	caaggagAAC	225000
aaccgtagga	ggaagaagga	gaggaaggag	aagagacggc	agaggaaggg	ggaagagtgc	225060
agcctgcctg	gcctcacttg	cttcaogcat	gacaacaacc	actggcagac	agccccgttc	225120
tggaaaccgt	agttgcttgc	tccaaatgcc	acttccctgc	gccatgcaga	gacagcgact	225180
cataacttag	atcagaaatt	cagcataaaa	tgaggaatct	acaaagattc	aagagaaagg	225240
catcatattc	tactctatac	tggaaactca	aatgattttg	ccatgtatta	ctgttttctt	225300
taaatttttt	ctggcatttt	gtttggtaat	gccaaagctc	tccctggett	tttccctcctg	225360
atgatgttgt	ttcacataat	acccagcacc	tggcacagtt	tttaccaggt	agaactgttc	225420
tatagctaaa	taacgcaagg	gatgaacatc	ccgtaaatgg	atgaacaatt	ttgccccaaa	225480
tagattttgt	ttctgcttta	tttcaagtac	ataagtgtaa	taaaagggaag	aaaaagaatg	225540
gtaaaagcct	cttaaatgca	gggcccatac	tctacttatt	ctcagtcac	ttcagtagca	225600
gcactagact	tgtagaataa	tagataactct	acaaaattat	ttggttttac	attgaactgc	225660
taaggatatg	gcataataac	atattgtgcac	ttttaaaata	gtgcttatat	tttcttttagt	225720
ggcctgtgca	cattattcac	tgaggccata	tagaagtaat	acccacacatt	cttatagtac	225780
atcctctgat	tgaagcttac	cagcctatag	agtagatgaa	acacaaaate	ttctaactga	225840
gaagctcact	ggagaccacc	cgggctactg	tttctcaaac	tgggatttgg	agactccaaa	225900
gaattgatag	accattcttg	gggggatcta	gggcttgctc	taggagactt	tatgttttcc	225960
ctttccattt	tgatgtctct	tgatttcagg	gtccatgttt	gcattttctgt	ttaaaatcac	226020
atcgaggccg	aatgaactct	taaagtccac	gcattttaact	tttaattctag	tttctgaaac	226080
tgtggtgtgg	gaatccctga	gggttattca	gatcgctggg	gacagtaact	ggggacgcaa	226140
catctagcaa	gacactttat	tttctgtgct	catattttta	tggggtacag	gtagaaaaaa	226200
aagaaagtaa	atgaaacaaa	ataattatga	gttgtagtaa	tgctatgaag	gaaacagtga	226260
tcaacattgt	tttttattat	tatactttta	gttttagggg	acatgtgcac	aacgtgcagg	226320
tttgttacgt	atgtatacat	gtgccatgct	gggtgtgctgc	acccattaac	tcgctattta	226380
gtattaggta	tatctcctaa	tgtatccctt	ccccctgccc	cccaccctgc	aacagtcccc	226440
gggtgtgtgat	gttctctctc	ctgtgtcaac	attttttaaat	gggactcttt	cggagagcgt	226500
ggggaagacg	ggtctttgag	gtgaaattta	ggctgaaacc	taaaggatag	agagaagcga	226560
tccctgtggg	agggagcgtg	ttccaggcag	agggaaacagt	gcaagcagag	gtcctgaggg	226620
agtctcacct	ttggtttatc	caggagtggg	agctccttga	aagctgaagc	attgcaaaac	226680
acagggttat	agttgcttat	ggcagaagga	ggcccttcat	acctcntatc	tgctttttat	226740
catctgnagt	tgaggccatc	ctgctcaagc	caccaccatt	tcttacctcg	gccactgcca	226800
gaectcctc	tgtggcctcc	caggctcccc	tctggtctct	accagtccat	cctgctcaga	226860
ggagctaggg	tgatctttta	aggacacctg	cttttcttaa	gctaaagagc	agaatccctt	226920
cacctgacct	cagaaggctg	aggcttcagt	gagctgtgat	cgtgccctca	cactccagcc	226980
tgggcatag	agtgaagcgc	tgtctcaaaa	ataaaaataa	atatagcaaa	atccttaaca	227040
tatccaacaa	aaccccatat	gtccttatcc	aatcttacac	tgggaccatt	gcctcctgtt	227100
cttgctgct	tcagccactc	aacttctctt	tattccacaa	gcattctcaag	ctccctctcg	227160
ccatggggcc	tttgcaactg	tttccccctc	ctggaaggct	cttgcccaca	gccccgtgcc	227220
cagaaaacac	tactcaccct	tcagacctca	attgcggtgt	cactgctcgt	ggacaccctc	227280
tctgtgcctc	agactagggt	cgcgccattt	gatacgctct	atcagcaagc	tctgtttttc	227340
ccccatggga	cgtatcacat	ttgtaatcat	agtttttttg	actactgttt	ttgcttaact	227400
gttgtccttt	ccactagact	gtgagtttct	caagataaaa	aacctgtctt	ctatgatact	227460
gtattcctga	cccaaaggaa	ttgcttagtc	aatttttaggt	gaataaataa	acaaacaagc	227520
aagccaccct	gtccagatca	aatcaactca	tgtcaattta	acaaagcttt	gagtgcctgc	227580
cactgggtgt	cactgtgctg	gtgagtggag	aacgtgcctg	ccatcactct	gctcttgtag	227640
acaggagcga	attaggaact	gatcccattc	aataccaaat	ttgatgctcc	ttctgataca	227700
caatgtattc	ttggtgctct	ggtattctag	gacagtggct	tccagaattt	tttcccaaaa	227760
agccacagta	aaaaaatgca	ccttatatca	ggatcctgta	cacatatgtg	cacatacaca	227820
agtatatatg	tgtatctgtg	tgtatatgta	atatatatat	taaagtaaaa	atttcaaaaa	227880
agtaatacta	tgtgtgctat	gcttaaatat	ttttatccat	tttctattac	atattttta	227940

aatattattg	ctgtattcct	catatttget	atgtcaactt	aagcccttgg	cacagtgaga	228000
ctcaataaca	tgaaaaaaag	aagaagaaaa	gaaaagtcaa	atccacccag	gcacaagatc	228060
ctccaatgca	atgggtctcta	aacatTTTTT	tattatgtac	ccatatcaat	ttttaaaata	228120
aacacaccgt	ctatatttca	ttacactaat	atacaaacat	gcctgtgtat	tatgaaaata	228180
tacaaaaata	aaaggccaag	aacagcaatt	catgcctgta	aacccagcac	tttgggaggg	228240
caaggtcaga	ggatcagctg	agcccaggag	ttcaagacca	gcctgagcaa	catggtgaaa	228300
ccttgtctct	acaaaaaaat	acaaaaatta	gccgggcntt	nggtggtgcc	cgccctgtagt	228360
cccagctact	cgggaggctg	aggtggggaga	atcacttgag	catgggaggt	gaaggctgca	228420
gtgagccatg	attgtactcc	agcctgggtg	acagagtggag	accgcatgtc	agaagaaaaa	228480
aaaaaaagaa	aagaaagaaa	aagaaaatac	acaaaataga	aatgtaaagt	ttgagataaa	228540
cgtttaaaaa	agagtTTTTT	aaaatagttt	tcatattcct	tggaggtcca	aaacattttg	228600
ttctcactta	ttaaagaatg	cttaaggaaa	acaaatctca	gtgtcccaact	taacaatgca	228660
gtgagacatt	cagtttatgt	ttgatgtgtg	atcttaattg	ctttcatatg	aaacatgact	228720
cagaaagatt	ttctggttcc	atagatgtgc	ttcacggcat	gctgagtcaa	tcaggacatt	228780
cttttttttt	ttttttttga	gatggagttt	cgctcttggt	gcccaggctg	gagtgcgaatg	228840
gtgcgttctc	agctcactgc	aacctccgcc	tcttggttcc	aagtgattct	cttgcctcag	228900
cctcccaagt	agctgggatt	acaggcggcc	accaccacgc	ctagctaatt	tttttgtatt	228960
tttagtagag	acagggtttc	cccatgttgg	ccaggctgac	ctcacctgag	atcacctgac	229020
ctcaggtgat	ccaccgcct	cggcctccca	aagtgtctgg	attacagata	tgagccactg	229080
caccgggcca	ggacattcat	ttattttatt	attttattat	ttttattttt	attatatatt	229140
aagttctgtg	gtgcatttgc	agaacgtgca	gttttgttac	ataggaatac	acgtgccatg	229200
gtggtttgct	gcacccatca	acccgtcatc	tacgttaggt	attttttaat	gccaccatta	229260
actaggcagt	catctctatt	gaaattacac	ttttaaatgt	ctgtcctccc	tgagattgat	229320
caattattct	tgcaaataca	aagggtattgt	atttgtatat	ttcatgaaac	aagtttaaaa	229380
cccatttaaa	cggttaattt	ggaagatttc	tacacagatt	agaaaatttg	ggttccgtgg	229440
tttttaatgt	atgtagatgt	gagataaatg	ttcacatata	aataatatgt	tataaataac	229500
ataattagag	atcttttaat	gaaaagtcgt	ataatgatga	aagcattttc	aatcatccat	229560
ttttaagata	ttatcttttc	ttcacctgta	tttgatctaa	tctggttcat	tcaattcaat	229620
ttaggatttt	ttccccacag	ctaccccttc	atategtttc	ctataagctt	taggtctttc	229680
tttgaaataa	gcatatgtag	tttgttatct	gatttgttaa	tatcaaactc	caagtattaa	229740
ggctttttta	tgttttgata	taatttagaa	gttcttttaga	atagatgggt	ttcattaggt	229800
gacattccta	gaattattgt	cataagttat	tataaatgtg	gtaacatatt	ttacttaaag	229860
ggtgcacatc	tattacaaag	actgtttgcg	ttaaataaaa	ggtcagaaag	gatatgaaaa	229920
gtttaagagc	gtaaaagttg	gctgggcaca	gtgactcaca	cctgtaatcc	cagcactttg	229980
ggaagccgag	gcagggtgat	cgcttgagcc	caggagttca	agaccagcct	gggcaacatg	230040
gtgaaaccct	atctctacca	aaaaaatatg	aaaattatcc	gggcttgcc	gtagtcccag	230100
ctaettggga	ggctgaggtg	ggagagtcac	ttgagcccca	gtggaggagg	ctgcagatca	230160
caccactggg	cgacagagtg	agaccctgtc	tcaaagaaaa	aaaaagagag	agaggcggag	230220
agaataaaaag	ttttaagttg	gagaacataa	tgtgtaaaaa	aaaatttttt	tctttttgag	230280
atggagtttc	actcttgacc	cccaggctgg	agtgcattgg	tgcgatcttg	gctcactgca	230340
acctccgct	cccgggttca	agtgattctc	ctgcctcagc	tgggattaca	ggcgccctgcc	230400
acctgacctg	gttaattttt	gtatttttag	tagagaaggg	gtttcgccat	gttggccagg	230460
antggtctca	aactcctgaa	ctcagggtgat	ccgcccactg	cagcatctca	aagtgtctggg	230520
attataggcg	tgagccaccn	gcacctgacc	gtgtaaaaat	atttaaatta	gctaataaac	230580
taaaaacaaa	atcattcctg	gagggagaga	gggttgaata	ggcagaacac	aggattttta	230640
gagcagtgaa	actactctat	gtgatacaac	aatggcagat	aaatgtcatc	atgcattgtc	230700
caaaccacaga	ggatgtgcaa	caccaagagt	aaacacaaat	gtaaactatg	aactttgagt	230760
gacaatgatg	tctcaatata	ggctcattga	ttgtaacaaa	tgtgccaccc	tggtgaggga	230820
tgtctatggt	gagagaggtt	atgtatctgt	ggggactggg	gttataaata	agaatgctct	230880
gtacttttcc	ctcaaaaccg	ctctaaaaaa	tagtctatta	aaataatttt	ttaaaatcat	230940
ttctcattca	ttgtttaaaa	catctctttt	agcctaaggg	gacagattta	gtgtgtctga	231000

tactacatag	gatagcagag	tctagtaatt	aagagtaaac	tcttgcccgg	gtgtggtggc	231060
tcacgcctgt	aagcccaaca	ctttgagaga	ccgaggcagg	cagatcgctt	gagtgtcggg	231120
gttcgagacc	agcctaggga	acatgccaa	accaatctct	acaaaaata	aaatattagc	231180
cgggtgtgat	ggtgcatacc	tgtagtccca	gcaccacagg	cggctgaact	gacaggatca	231240
cttgagcctg	ggagggtcaaa	gctgcagtga	gccttaataca	tgccactgca	ctcgagcttg	231300
ggcaacagag	caagaaaactg	tctcaaaaaa	aaaaaaaaagt	aaactctgta	gccagatccc	231360
agtgtctacca	gttgtcagcc	aggtgacctt	ggacaaatta	cttaacatct	ccttgcccca	231420
ggtttttcca	tctgttaaca	tgaggatgat	aataataacc	tctgtctcaa	gaggtagctt	231480
tggggattaa	atgagttaaa	gtacatagt	cacaaggaat	gctcattacg	tgtacctatc	231540
ctattaggtt	ggtgcaaaaag	caattgcagt	ttcagaccgt	gaattttaaa	tcattataac	231600
tgggctcaaa	cacatctttc	tcaatcaaaa	taggaacat	tacacccaac	gcattttcgc	231660
cacgagaaat	aagtttgttt	attcctgtag	cataaaaatt	catgtttcag	accggggcgcg	231720
gtggctcaca	cctgtaatcc	caacactttg	ggaggccgag	atgggcagat	cacgagggtca	231780
ggagatcaag	accatcctgg	ctaacacggg	gaaaccccg	ctctactaaa	aatacaaaaa	231840
aattaactgg	gggtgggtggc	gggcgcctgt	agtcccagct	acttgggagg	ctgaggaagg	231900
agaacggtgt	gaacccagga	ggcggagctt	gcagtgaacc	gagatcgctc	cactgcactc	231960
cagcctgggc	gacagagcga	tactccatct	caagaaaaaa	aaaaaaattg	tgttccagga	232020
ttcaatgaac	tcttggaag	cattttctac	gttctgctgg	ttgtggaagt	gttttcccta	232080
cagaaagtgt	tcgagatgct	tgaagaagt	gtagtgcatt	ggcgagaggt	caggtgaata	232140
cagcagatga	ggcaaaaactt	cgtagcccaa	tttgttcaac	ttttgaagcg	ttggttgtgt	232200
gacattcagt	caggcactgt	cgtggagaag	aattgggccc	tttctgttga	ccgatgccgg	232260
ctgcagacat	tgcagttttt	gatgcacctc	attgatttgc	cgaacatact	tctcagatgt	232320
actggttttg	ccaggattca	gaaagctgta	gtggatcaaa	ccagcagcag	gccaccaaag	232380
agtgaccgtg	accttttttg	gtgtgaattt	ggctttggga	agtgttttag	agcttcttct	232440
tgttccagcc	actgagctgt	tcacgcacg	tcacaatctg	attaagaaat	ggttcgttgt	232500
tggtgcatag	aataagagaa	gacaacactt	caaaacgcga	atatttttta	ttttcctctc	232560
agctcataag	gcacccactt	accgagcttt	ttcacctttc	tgatttgttt	caaagcccaa	232620
atgaccatag	aagggtcgac	gttgagttct	tccacaaatt	ctcatgtagc	tgtaagagga	232680
tcagcttcaa	tgattgctct	caagggtcatt	gtcaacttcc	aatgggtccac	cactacactc	232740
ctcatcttca	gggcttttcat	ctccttttgca	aaacttgttg	aaccaccact	ccactgtatg	232800
ttcgttagca	gttctctgggc	caaagtcttt	gttaatgttg	cgagttgtct	ccgctgcttt	232860
acgatccatt	ttgaactcaa	ataagaaaat	cactcgaatt	tagtttttgt	ctaacaccat	232920
ttccatagtc	taaaataaac	atgaagagca	agtaatacat	tattagcaaa	aaaataaagc	232980
aagaaatgcc	cattaaaatg	atgattaata	taaccacatt	tattgaagaa	tgtattccaa	233040
tatcaaacag	caaatttcaa	caatgcaaaa	accgtaatta	cgtttgcacc	aacctaatag	233100
ttgtttctaa	aaaaattttg	ctggggccagg	cacagtgggtg	catgcctgta	gtcccagcta	233160
cttgggaagc	tgaggatcac	ttgagcccag	gagttctagt	ccagcctggg	taacatagag	233220
agaccccatc	tcttaaaaaa	tacttgttag	gcagcacatt	tctgaaattc	aagaaagggtc	233280
agcaaatttg	gaacatgtgc	ccttttgtaa	acagaagagt	agatgagttg	attataaatg	233340
ggacatctct	tctgcataca	ttctacaagt	taaccagagg	gctatgtggg	ataaaaagatg	233400
tttgtggtca	cagcctagct	caggctagag	tgttgccagag	accatcccaa	atcctccagg	233460
ctgggctcaa	ggcttctcta	aacccttctt	tgttgcaaaa	tcccatcttt	tcatgcttca	233520
ttggtgacat	gtggccatct	gccacataga	acaagtgaga	gtactagttc	catatcttta	233580
ttaaataacc	atttttcttt	tgtacaaaaga	ataaatagaa	attctgatat	ttttcttctc	233640
atacttccgt	cactcaccct	tctttggaaa	ccactgcata	acagagctaa	ggggaggata	233700
aactaatgtg	cctgaaattt	tacttttagtc	ttcagcctat	aagagatcac	tatctttttt	233760
cccattttca	cctagtttca	cagcaaat	acctacgggg	ggaaagggtat	tattattctt	233820
aacatgaaac	cacaataatt	ataagaaaga	aattgtgaac	tttaaagtgt	aaagataagg	233880
gaacactgga	atggcaagcc	tgccaaaggt	ttttcactct	ttttgttttg	ttgtgttttt	233940
ctttttttacc	caacagtggg	atctttctgt	gcttgcacga	gttctaacaa	taacacctac	234000
tggtgttttg	gtacagttaa	tgagacgcac	aattttcttt	tctgtgagtt	tgctactggc	234060



tttttggagt	attttgatat	gaatacagat	ccttatcagg	taagacaata	tatgttcatt	234120
ttatgaaggt	tggtgaaaat	aggataacca	gacataagct	taaatagatt	gtcctgtctg	234180
cattcacagc	tcacaaatac	agtgcacacg	gtagaacgag	gcattttgaa	tcagctacac	234240
gtacaactaa	tggagctcag	aagctgtcaa	ggatataagc	agtgcaaccc	aagacctaa	234300
aatcttgatg	ttggtaagga	aaaaaatact	attttttcta	ttttacctgg	aaaattcttt	234360
gtgttactga	gctttctgcc	ttggaaacat	ttaattgcac	agaaacatat	aattcaagat	234420
acttagagga	gacactttcc	aggcaattct	aaatacaatt	tgatctctaa	gtttagctct	234480
ggtgtactaa	tgaaaagcct	aatccaccaa	aagatttggt	gagcatttcc	ttccaatatc	234540
tcccacaggt	ctattctatt	agtaaaccct	gattcctgat	agaagcatct	gttggaagat	234600
gacacgaaag	cgtaggtat	ttgtttgtaa	ttgctgtcaa	cagtctgaag	atatactctg	234660
agtaaaccag	gatattctct	ttttttaaga	gaactttgat	ggaaagacac	aatgctctat	234720
ttctgctgtc	ccagtttgga	gttccccccag	ttggatccct	gcctatgaca	ctgaattaga	234780
tttcttttgc	cagtattttt	cgtctgaaac	tagagatatt	ggagcagttc	attaacttgg	234840
gatctaaaaa	tataagagga	tctgaatgga	atcagccaga	tgttccttcc	cagctatgtg	234900
tggttaaactg	gcttattttct	cctttgtttc	atggagatgc	agttcttttc	agtgtccgcc	234960
ccagctcttt	tctgggtta	gaaaatactc	atttctcct	catgatgtct	gcagaaatgt	235020
aaataccagc	tgcccataca	aggaaggagg	aagaactaaa	gctggcaagg	gcatggacct	235080
tggcatggca	tgccaactcc	agaaggggtga	agagctggac	tcacaggcac	ttgggtgcag	235140
tttgaggag	ctttttgtgg	tgcgctggg	ttttctctgt	gagtctgggtg	cagagccagt	235200
gtcatcaaca	gtaaaagtgg	gcagctttct	gggtcacatg	ccttgaaagg	ggtagggatt	235260
cccatcccag	aatgatcaat	atcaccacct	gtcatctcct	ttccactgca	gggtcacaaa	235320
ggcttttgag	ttctgggagt	cccctaagaa	aatataaatc	ctcagttctc	aatcaacacc	235380
tctcaattaa	cacttagtgg	aatcagttgt	cagtcaagag	cagactgtac	ttgcaaaata	235440
ggtcttttgg	tactgaccc	cactcggctc	aaatcttttc	aaatatcctg	cttatctgtt	235500
gaccttttcc	tcaaatctta	caaaaaaaag	agagagagag	agggaggagg	ggagagagag	235560
agagaggaag	gaagaaagga	aggaagaagg	aaggaaggaa	ggaaagaaa	aaagaaaaaa	235620
agaaagaaag	aaagagaaaa	gaaagaaaga	gagagagaga	gaaagagcct	gcaaagactt	235680
ggaatctcaa	ccaaccatta	gaggcactag	aaatattata	cccagatatt	tctccccaaa	235740
agaacatagg	acttttattg	gtggtgacat	aacaactcta	cttagtgaaa	tctgatcgag	235800
tcccttaatg	gtgaaatgac	acactgggtg	gagccagtta	tgctgtttca	cttcaagccg	235860
tcctctccac	cttccagact	attcctatgg	gagatgatta	ttagcccggt	tttttccaat	235920
gttttgtcta	aaaataacca	aaatttaact	tttcttgaga	attacatgga	cttctggaag	235980
tacttttccc	actgctttta	agtgggctct	cctcccttta	acaccacccc	atttttttca	236040
tatgaactct	tatttttttt	tttatcttaa	accttttcat	tcatagcttt	caatctgcat	236100
tttgaaccta	ataggaaatc	tctgttgggc	ttcagcactg	tctgtattta	acaccatgtg	236160
tttctttcta	ggatttagat	gttgtgcatg	aaaaactata	tagtgaatgg	ttttataagt	236220
tctaaagcta	acagaaatta	ctcttgatatt	ttcctatatc	aggaaataaa	gatggaggaa	236280
gctatgacct	acacagggtat	tcacactttt	ttattcttct	caacagcttc	ttccccaaata	236340
attgcatgat	ccagtgggtt	caactaattt	ctgtttctta	ccgtgttgca	cagagcaaa	236400
ctgggggtgc	atgcttggtc	taacagcatt	ctccactatg	ttttgtcatt	gatcacagaa	236460
ctgtcatttt	gcttttaaat	cagctcactg	tcccatcaag	atgttccaga	gcatttactc	236520
actcccatgc	ttgtttgctt	gttggtgat	gcttttaagc	atggaatgat	gtgaaggaaa	236580
aaaaacagaa	tggccttttg	gagccccggg	aaaggggtggg	agattttattt	tctttgtggt	236640
acttacacat	tgatttggtg	ggggagcttc	atgaaaatgg	gttgagatt	tttattaaat	236700
atagcatcaa	aggcacaaaa	tgactaatga	gaatttttaag	agcactgtaa	ggccgaagtt	236760
gaaggaaaca	aggaatttct	ttgttgatgt	tcattcatta	acttttggtg	tgaaaagcag	236820
cagccgtaag	attctgaaag	ctctgcagag	aggtggtgaa	taacgagaag	gtgctgggag	236880
ttggggacag	agtaccggga	gtcaagatac	tagtaaagg	ccacacacag	tggctcacac	236940
ctgtaatcct	agcactatgg	gagcccaagc	gggaggattg	cttgagtcca	ggagtttgag	237000
actagcttgg	gcaacaaagt	gagataaaaa	aaaattttta	actagccagg	tgtggtgatg	237060
cacacctgta	gtcccagcta	ctcagctact	caagaagctg	aggcaggagg	atcgcttgag	237120

cccaggaggt	tgaggctgca	gtgagctatg	atagtgacac	tgacctccag	cctgagggac	237180
agagagagac	cctgtctcta	aaaataaata	aataaataaa	aaaataaaga	cactcaatag	237240
tgtcaacaca	gcaccaagac	aacacacaaa	cattccataa	acaaccctca	gccctgtcat	237300
tttatgcccc	tccaaccctc	atccatccct	cactgtgctc	tggagggggg	acgcacgctc	237360
ctgatggccg	tgtcacttgg	tcacctggca	atattcgcca	ttgctaattt	tctactctga	237420
gcacagacct	caggcagggtc	tgccaccgca	agcagctggg	cactgtcctt	accgcctctg	237480
ctgagacaaa	actgaggcac	agacgttacc	agtaccctag	ttaatgtatc	cacttgggag	237540
aaaaacatcc	gtcaaagaaa	tgtgaactta	attgggtgcc	tctatatata	tatcttcttt	237600
atctatatata	atatcttctt	tatctatatt	aatatcttct	tcatctgtat	taatctcttt	237660
aaaattaaca	tcccaaagaa	tgttgcctgt	cctggtaccc	tgttcggccc	ctctaaccctc	237720
cagagctatg	gtctcagatg	cttcctttta	gagagaaggt	cattagtcca	ccaagaagcc	237780
aaatgacaac	aggaaagggtg	atgggaagat	gaaaacaaag	gaagggtggac	ttttgggtat	237840
atgttatagc	catgtatgta	tgtcttcttt	tttctatttt	ctcttggtct	tcatcttaac	237900
tgtcctcaat	ctgccccaca	ccaaccctgt	gtcactccca	gcacacataa	gacagagcag	237960
aagaccccat	ccttgagctg	gtctcccctg	ggtatgggct	gaggtaacat	cccacacacc	238020
aggacgatct	tccctgcctc	ccatcggtca	cattaagaca	ttttcaaagt	gtaatatatt	238080
aaatggacct	acctctaaat	attgacttta	cagttatttt	atgaggcact	caattttatag	238140
ctaagggttt	ttcagtctag	tgtcatgaaa	gagataaaag	ggtgttcaca	gattatttaa	238200
gacataaggc	tggtcagggg	tgagtccagag	agtcattctc	catgaagtca	cccctggcca	238260
actttgaaag	gaagaatggt	taactgcact	ttgggcgtaa	atgacaagca	tctgggaccc	238320
tccccttccc	tgatccctgc	caccaccact	caatcggtca	gataatcaat	tgtttctgag	238380
gtcactttca	cataatcttg	gcaacttttag	ttgttgaaag	catgcatgca	ggggcaacat	238440
ggtgttacct	gttgcctttt	ttttcccctc	tctaagctcc	ttaccagaga	gcagatctaa	238500
ggatactgtg	taacttgaaa	taaccggcat	tttcagactt	tgccatttca	tagtccatag	238560
ggcaagccat	ctttcagtgg	atatccacat	ggtgggcagg	aaatcttgac	attggtttct	238620
cagaaaatat	ctgcctagtc	acacctggga	attcactaaa	cacccaaatg	cagtgtttga	238680
tgtggcctta	cctgctcctt	gtatcttatt	ggattgaatg	agaacagatg	caaaacaagt	238740
atgtacagaa	atgccaggaa	aactactgtc	ttccaatggg	gttcaacagt	tcaaagccct	238800
ccattgatgg	agccacttag	gagggtttcag	tgtcttaatt	cttttagatt	ttgacagttt	238860
tagaaaacta	aaaaaaaaaa	aaacaagttt	ttatcgtgaa	atttgattac	aaaagatttt	238920
gagagaaatg	ataagaacca	gatctgaaga	atttgaaatt	tgaaaattca	gcagagcatt	238980
tttttaaagt	tatcttgtac	aagatgaact	aaataaatgt	ttttaaaactg	acttcttttt	239040
ggtggatttc	aaaagttaac	cttcagactt	atttagaggg	ttttcataaa	gcaagttttt	239100
ttctgttgct	gtcgaatttc	tttcttttct	tttctatctt	ttcttttctc	ttccttttgc	239160
tgttccctgt	gtgtgaagca	ggaggggcag	ctgaaatgct	ttgcatactc	accctgggtca	239220
ttttccagtt	aggacaagct	caaagggaga	gcacagctca	gaagggtggca	ctcatgactc	239280
aggaaataat	ttgtggctca	tttgaaagca	gcactctcta	agtgtgttgc	aaaatagaga	239340
aaaatcaaca	ggttgttggg	gtgttttatt	tccccactgc	gtatgaaagc	tgggtgctgct	239400
gccctttgat	ggccaagagg	agctcctggc	agccgtggcc	atgtgtcccg	ggggtgtgtg	239460
gggcaggcgg	tcagttcttg	gcagccttcc	tctggcaggg	ctgcttcctg	atcctttgct	239520
tcaagccttc	tgggctgtta	gaccacacag	agctccaccc	tcagcagcca	cgctgtaacc	239580
acattgcttt	cactgatttt	gactcatctc	ccccatagtg	acagtgtgtg	ccaaagggtgg	239640
ctgtgggtga	cacagccgtg	tgttcgtgct	gtacggcact	gtgggtcatgg	gggtggacgc	239700
tggagctcct	gattagtttg	agttcaaata	ccagcctcgc	tgggtggcat	gcttagaaca	239760
gaccctagca	ggcgccaagc	cccagtaagt	ggtggagtca	ttggtaaagg	ataatgctga	239820
atgcaggaca	tttatatgga	tgaaagagta	tgggaaaggg	aatttcagtg	atatgaattc	239880
caaagcgtgt	tagtatattt	tataagaaac	aaaaagggtat	tcaccagcac	caccaaactc	239940
catcatcagt	cacaggcaac	caagaattga	tcactctccc	agaacttttg	gaggccgagg	240000
caggcagatc	acgaggtcag	gagatcgaga	ccatcctggc	taacacgggtg	aaaccccgctc	240060
tgtactaaaa	atacaaaaaa	aaaagaaaaa	ttagccgggc	atgggtggcgg	gaggctgagg	240120
caggagaatg	gcgtgaaccc	gggaggcgga	gcttgacagt	agccgagatc	acgccactgg	240180

actcctgcct	gagtgacaga	gggagacgcc	gtctcaaaaa	aaaaaaaaaa	aaaaagaatt	240240
gagcactcaa	gtccgtcttc	taaactgcct	gaacctcttg	agatgagaag	aacaaaacaa	240300
acctgcgctg	tccctgatgta	ggttacccta	atggagcttc	ctgggttctc	ctctccctgt	240360
cacatctcag	ggactccacc	ttatttttaa	gctgtcttac	tagcactggt	ggacttttct	240420
gtttcagatg	ctcaaacaag	agatggagca	ggggcagggg	ttgggggttaa	atgggctgga	240480
ggtgagattg	gcccccttaa	ggtgttgagg	acacttgggg	tgaaagtcgt	taggggtatat	240540
gtaggtcaga	gccagggccg	ctgcgtgcac	agaggtgtgt	catggagcgg	ccagtaggca	240600
ccaaaatcca	gccaaagctc	ggccatgaga	gctgggttagc	ggcaggggtg	acaacagtggt	240660
ccaccctggt	aagggttaagg	tcagacttgg	gttagtctaa	gctgtcagag	ggtgttcctc	240720
atttttctta	cctttccaat	agtgaacctc	ttccaaaggc	cttggttctt	gtgccagaga	240780
agaaactaaa	gtatagcacg	tgcagaactc	cttaagatcc	tccccagget	gcggaatgaa	240840
atgtatcttt	aatcagttcc	aatatatagg	gggaaaatgt	gccctcattc	atccatgcaa	240900
catataaaga	cagaaagaat	cgaacaacc	acctctgtgc	caaacgccgc	cttcacaggg	240960
agtgcagtct	ggtgttagaa	tgcacgatgc	aaagtgcctt	gaccagaaat	atatggcgtc	241020
ataagagcca	ggagagggcc	ccaacccaac	cctgagaaat	caaaggaagc	tttccaagga	241080
gttggcattt	atgccgcatc	ctgaaggcaa	cagtgcagtg	atccagacac	aggatggaaa	241140
aggaagtcag	tccaaccaga	aggcaagact	cgtgtgggga	cttatcatca	gttccgtgac	241200
agtgcagggg	aaggagaaga	gaaggatgag	ctgaaaaggc	aaccagggcc	tattttatgg	241260
agtgtgttat	atggagaatg	atgatatgat	gtatcttcca	aacagggatg	ttttgaccat	241320
gggggaggag	tactaaaaat	agttaattat	ttatattaat	tattatttat	attaattcta	241380
tataaatatt	gttatgtatt	tgtttaccaa	tgaactagtc	agtagatcta	taaaacagtt	241440
gtatttaaaa	ctattttcta	agctaaaaatg	tcaaaaattc	tggacaaatg	ccaaaatgaa	241500
cagggtagcca	gtacagcaga	tacaaactgg	gacctcccca	ggcaaacgaa	aaatgtggtc	241560
accctagtta	catgctacat	caaaggatgt	aatccctgtc	ctaaaagcaa	taggcagaca	241620
ttcaagagta	ttaaactggg	agaaataata	tgagaggatt	tgggctgatc	agattaggtg	241680
gcataaatag	ttatgagaat	agttttgtga	gtcacattgg	tttgtgggtc	agttctggct	241740
ccatcacttc	ccaatttgag	gaccagttgc	taacagtatt	acaacactta	ctgtggtcca	241800
gcgctcttct	gaatgctttc	gtatattaat	gtatgtaacc	ctctcgataa	cttcgtgagg	241860
tcagtactat	tattatcctc	attttttttt	ttttttttta	gacggagtct	cacactgtcg	241920
cctgggctgg	agggcctggg	caccatcttg	gctcactgca	acctccatct	cccaggttca	241980
agcaattctc	cttgccctcag	cctcccangg	tagctgggat	tacaggtgcc	tgccaccaca	242040
cccagcttat	tatccccatt	ttacagatga	ggaaatttaag	ccacagagtg	actaaataac	242100
tttcccaaga	ttacacagct	gataaatggg	gaaattcaaa	cccagcgagt	ctggttctag	242160
ctgtgctgtt	catctctaca	ctatactgat	tctcttggac	aatttattta	acttctttta	242220
ttatggctga	attttctcat	ctttaaaaag	gtgataatac	atacacataa	taatacacaa	242280
ggatttcatg	agatattacc	tgaaaagtaa	gcctgaatt	catattattg	tatgactgaa	242340
gtttgataat	aaatttgatt	agtgcagagc	aaattgtatc	aaagagccct	ggaatttttt	242400
tttttttttt	ttttttttga	ggtggagtcct	tgctctgtca	cccaggtggg	agtgcagtga	242460
cacaatcttg	gctcactgca	acctccacct	cccaggttca	agcaattccc	ctgectcagc	242520
ctccctagta	gctgggacta	caggcacaga	ccaccatgcc	tggctaattt	ttgtattttt	242580
agtagagatg	gggtttcacc	atgttcgtca	ggctggctctc	gaactcctgc	tcaagtgatc	242640
ctcccacctc	agcctcccaa	agtgtcgaga	ttacaggtat	gagccaactgc	gcctggctga	242700
gccctggaat	tttgaaggac	atztatcttc	acattaatgg	atgacaaaat	tgcagttttt	242760
aatgtcaatg	ctatattaat	aaagaggaaa	agttatgtgc	atttaccaat	aagtagatat	242820
aatcagccat	taaccacaca	caaggtagtc	atctataaat	gacatatata	tttatttcta	242880
tttttagact	atctttaggg	ttgaacatta	attggctttc	atttgtaaaa	taaatagcta	242940
ttcctacaat	tcacccataa	aattatgtag	gttagaaatt	tatggtcttc	tggttgctct	243000
gcctgtggag	tagccatttt	ttattccttt	gctttcttaa	taaacttccct	ttcaccttac	243060
aaaaaaaaata	aaaacggcta	ggcacagtgg	ctcacacctg	taatcgcagc	actttgggag	243120
gccaaaggtg	gcagatcacc	togttcgaga	ccagcctgac	caacatggag	aaacctgtc	243180
tctactaaaa	atacaaaatt	acccggacgt	gggtggtgca	tgctgtaat	cccagctact	243240

cgaggagctg	agacaggaga	atggcttgaa	cccaggagggc	ggnagggttgc	aatgagccaa	243300
gacgcgcca	ttgcaactcca	gocctgggcaa	caagagtgat	actctgtctc	aaaaaagaaa	243360
gaaatttatg	gtattttttac	tatggccaat	tctattgttt	ggttgctctg	ctnnnnnnnn	243420
nnnnnnnnnn	nnnnnnnnngc	tnnnngntnc	tnncnggncg	ccnnnnncng	nnccctgtgcc	243480
ttttcngcc	ctcgggtccn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	243540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	243600
aatcaataa	ggccgggggc	ggtgactcac	atctgtaatc	ccatcacttg	ggaggntgag	243660
gcaggcagat	catttaaggt	caggggttcc	agaccagcct	gaccaaattg	gtgaaacgcc	243720
atctcttcta	aaatacaaaa	nanaattagc	tgggcatggt	ggccnnngcc	ngggngggcc	243780
cnaaanattn	cagaccttgc	tttcgctgtg	tatcttctgt	ttgttttgga	gttcaaacat	243840
attatgtttc	aagtagcatg	aaaatcaccc	aagatgaata	ccagtttggt	ccaaatattg	243900
gaaaccctgt	gccttcagaa	aaaaaaaaaa	aacaaagagc	tcagcaaaac	atggaagggc	243960
ttaggagaaa	ggagcagatg	tattaacgca	gatagtctgt	tcgggctctt	cccattgtga	244020
agtttaaat	agtaccatta	gaaatgagac	ttggaagaga	atagctatat	taattaaaaat	244080
atcctgccag	atagcaacaa	gcaacaaact	acataataatg	ctttatgatt	tttctgatcg	244140
accatttgc	tgcttcttga	aactgtagac	acctggcccg	gtgaaattca	atttgctact	244200
gagcacagg	accagaatc	aggtatagat	gatgccataa	tggaggggtt	cacacaaccc	244260
aggggaacgg	ccagagaggc	tctgtggagg	ggatgagagc	tcctcttgaa	ggctgagagc	244320
tgactgggct	aatgaggcag	ggaagtacat	tctagaaata	aatacaaaac	ctgaggaagg	244380
agagagcctg	gtactttcag	gacattgcac	ttgttcctgt	ggctgggtaca	gaggtgatgt	244440
gccaaagggg	aagagaagag	gccacagaag	ctgcagaagt	cagcctgtgt	ctgcagaaac	244500
aatcccttct	gcttcttatg	acaccatcag	cacctgttaa	ttataaact	gctccaggta	244560
gagttaaaat	tccatgcatg	catgatctct	taaattaccc	gtctgtggaa	tatagcatga	244620
tgtaattctg	tgggttaagtt	tttaaaagta	agtaagtgtc	atccagaaag	aaatgtgact	244680
tggcttgcca	cctgggtatg	ttcttgaatt	tgtcttaattg	gattcacggc	ttttctgttt	244740
ccgggattgg	ggaataatta	tctgtaatgt	gaaatcatct	acattttattc	tgaaaattca	244800
cctgtcagaa	caagcctatc	tatacctttt	ctctctgaat	aaacagcttc	caaacgacca	244860
aagaaaaagg	tttccttttt	tgagctgaag	acaggcagaa	accaggagac	acatggaaaa	244920
tttaagttct	aatgtcgaat	aaatttaact	ttctattttg	atataacttt	acattttacag	244980
aaaggctgca	agaataatth	caagaactgt	taccccatth	gctttattgt	tttttcttgt	245040
tctttcactc	actttctcca	cacacctttt	ttttctgaat	catttgcaag	taatttgcaa	245100
acatcattcc	cctttatata	taaatgctth	aggaggatth	tccgtagaac	aaaaacattc	245160
tcttacataa	ctgttatgca	tttatcaaaa	tcaagcaatt	taacattgtt	acaaagcaat	245220
tgtcaaactc	acatttcatg	ttcaaagtth	aacaattgtc	ccaataatgc	catattcatc	245280
attttttgct	tttctggcct	gggatccaat	ccagaatcac	acattgcagg	aaactcacct	245340
cttttttagag	tattctttta	tctggaacag	ttcctcaact	tctcattatc	agtcatgata	245400
ttttaaagag	tgcatgccag	ttatttttgta	aaatgtccct	ctggtggggg	ttgtctgatg	245460
tttcatcagg	attgaattga	agctgtggat	ttttgtcagg	aataccacat	attgtgctct	245520
cgggatattc	tatcaggagc	tgcataacat	cttgggtgga	ttacctttga	ttacttggca	245580
aagggtggag	ttgctagggtg	aagcccctat	aatttttttc	ttttttaatt	aataagtaat	245640
tcattttacca	gcttttaagg	cattcacgat	tcattttttgc	ctgaatcatt	tgttgttacc	245700
atgatggttg	caaattgatg	tttttcccc	tctgtaattc	ctcctgcttg	cttttttttt	245760
tttttttttt	tttttttttt	ttttttttgt	ctgagacacg	gtcttgctct	gtcaccagg	245820
ctggagtaca	gtgttgcaat	cttggcttac	tgcaggcttg	accccccagg	ctcaagggat	245880
cctgccacct	cagcctccca	agtagctggg	attacaggcg	catgccacca	cactcagcta	245940
atttttaaaa	atttattttg	tagagacaag	gtctcactat	attgccagg	ctagtctcaa	246000
actcctaggc	tcaagcgatt	ctcccatctc	tcaacctccc	gaattgctgg	gattacagtc	246060
atgaaccatc	gtgctgggct	cctcctgcat	ttcttaggta	gtattgtact	gtaaagaaga	246120
gatttcccg	ccagatatgg	aggctcacac	ctgtaatccc	agcactttgg	aaggctgagg	246180
tgggaggaat	acgtgcttga	gctcagaagt	tcaagaccgg	cctgagcagc	atagcaagac	246240
cttatctcta	ctaaaaatac	aacattcaaa	acattagctg	ggcttagtcc	cagcacctgt	246300

tgtcccagtt	actcagaggc	agagcttgca	gtgagctgag	atagcaccac	tacattccaa	246360
cctggatgac	agagccagac	cctgtttcaa	aaatatgaaa	gaagagattt	tcctcctctc	246420
ctgcgtatth	attttctatca	gtatggactt	agattctcag	tttattccat	ggatattctc	246480
ttgctatcat	tattttatttt	gatgattaaa	gtgtcttaga	ttggccactg	gtgtccctgc	246540
acctggatgc	cgtgtacttt	tgaagcatcc	tcattcattt	ttgaccacct	cgttgctttc	246600
tggcctaaaa	gcatgttcca	ggttcatatg	gcatttttgc	cactccacat	ttggaaacag	246660
ccattttctc	aaagggtccc	agttcccttt	aaagggtgaat	ggcatttgaa	caccaagatc	246720
tgggtctgag	gtgtataaaa	ttgctgctga	gggtctcttg	catatagatc	cttttgatgg	246780
atagagctaa	gagacacact	ggcatctatc	aacatctatt	cttttttttc	ttttcttttt	246840
tttttttttt	gagacagagt	tttgcctctg	ctcccaagct	ggagtgcagt	ggcatgatct	246900
tggctcactg	taacctccac	tttctgggtt	caagccattc	ttcttcctcc	cctcccagat	246960
agctgggatt	gcaggcacct	gccaccatgc	ccagctaatt	tttgtatttt	tagtagagac	247020
agggtttcac	catgttggcc	aggctggtct	tgaactcctg	acctcagggt	atccgccac	247080
ctcagccttc	cagagtgcct	ggattacagg	catgagccac	cgcgccccag	ctcgacatct	247140
attgtttgtac	ctacagatat	gtagagatat	gtctaattga	gtgacctaat	gcttccaata	247200
taatgttacc	ctgctcctga	tttcaattaa	aatgctttta	gagtttctct	attaaataag	247260
aggcaagctt	taggactgag	ttatatatac	ttttatcatg	ttaaggaaat	agccatcagt	247320
tctttttttt	agtgtcttta	tctttaatga	acgttgaatt	tgtcaaaaag	cttttttttag	247380
catctatgaa	gatgctcaga	taattattct	cttttagatct	attaaattat	tattgtgtat	247440
tatattaata	gatttggtaa	gaatgaatcc	tttcattcct	gaaataaatt	ccactgggtc	247500
attgtgtgtt	gctttcgtaa	tattgaattc	tgttcactaa	tatttttatt	aagattttttg	247560
tatcatatth	ttaaatagata	ccaatctgtg	atttcctttt	tgtttttaac	agcattatct	247620
cttagatata	ttagtttctt	attactgctg	taataaatta	ccactgtgcc	tttaaaacaa	247680
cacaaattta	ttctcttggt	tttctagggg	tcagaaattc	gaaatgaatc	ttactgggct	247740
gaaatcttct	gggggctcga	ggcaagaatg	tccttgcttt	tccagtttct	agaggctgcc	247800
tgcattcctc	attcatgggt	tcttctgcc	tcttcaaata	caaaaatgta	gccaatcttc	247860
aaatcagctc	ctcccccaac	ccccaccttc	ctctgttttc	tggggtcaca	tctcgttctc	247920
tacctctcct	tctaccacc	tccctttccc	tttataagga	ctcttgagat	cccactggcc	247980
ccacctggat	gctccaggat	actccccac	cccaatctca	ggatccatga	cttagtcaca	248040
tttgacagat	ccctttggcc	aggtaaagga	acttgctcat	agtttccagg	aatttggatg	248100
tggacatctt	tgcgggtgg	agtccactat	tctgcctatc	acagctatca	atgttatcct	248160
tgtctcgtga	aaagagtttg	gaagttttct	tgagttatct	gctctagaac	agtctattag	248220
tattctcttt	tcattgaaga	tttggttaaac	ttctcctgtg	aaagtccaca	gacctgatgc	248280
atctttgcac	agtgtgtctt	tgggcttgct	ttttcttcta	tggaaactgt	tctattttaag	248340
ctttctatct	atattgggtt	gttaaatcaa	gtttagccta	aatctgcctc	ctcacatatt	248400
ttaagttcag	cctaaagggt	tctctgtata	tcgtgaacta	taacctaaat	agagttgtat	248460
acagactgta	gcctactctt	gtgcccatca	ctgagttttg	gcccttcaaa	ggtggccaac	248520
tgtcaaaact	ctgttcaaat	aaggcaaac	ctgagctgta	accaatctgg	ctgcttctgt	248580
acttcacttt	tgttttctgt	cgtctgcttt	tctttttctg	tccatacatc	ttcttcacc	248640
acgcagctgc	gttgaggtct	ctcagctctac	tctggcttg	gaggtgcc	gatttgcaaa	248700
tgttctttt	ctcaattaaa	ctctgttaaa	cttaattcag	ctgaggtttt	tcttttaaca	248760
gcatcaattt	cggcaaaact	ttttcctgag	caactacgtt	tcattccagg	tttcaaattt	248820
gttctcactg	aggtctgcaa	agtagtctct	tgtttttatt	ttttttttta	gatgggggtt	248880
cgtctgtca	cccaggctgg	agtatagtag	caatcatggc	tcaactgcag	ctcagcctcc	248940
tgggttccag	tgatccctcc	acctcagcct	tctgagtagc	tgggattaca	ggcgtgtgcc	249000
accacactca	gctaattttt	aaatttttat	tagaggtag	ttcttgctat	ggtgccccag	249060
ctactgttaa	actcctgggc	tcacgcaatc	ctccatctc	agcctcccag	agtgtctggg	249120
ttacaggcat	gagccacatc	tcttggtgtt	tttaattttgt	gtatttcaac	gatttttttaa	249180
atattttacca	gtttattata	aaggatatta	taagaaatgc	aaataaatag	ccagacaaag	249240
aggtacatag	gctaagggtc	agatgggtcc	caaacgcaga	agcttctgtc	cttgagttcg	249300
aagtgtgcta	ccttcacggc	atgtggttgc	attcaccagc	tggaaatttc	tctgaaccct	249360



ggaaatgac	tcattccctt	ttatggctgc	atagtattcc	acggtatata	tgtaccacat	252480
tttctttatc	cagtctatca	ttgatgggca	tttggtttga	ttccatgtct	ttgctattgt	252540
gaatagtgc	gcagtgaaca	tacacgtgca	tatgtcttta	taatagaatg	atttatattc	252600
ctttgagta	atattccagta	atgggattgc	tgggtcaa	ggtatttctg	gttctaaatc	252660
tttgaggaat	caccacactg	tcttccacaa	tgggtgaact	aattttatact	cccaccagca	252720
gtgtgaaagc	gttctacttt	ctctgcaacc	ttgccagcat	ctgttggttc	ttgacatttt	252780
aataatcacc	attctgactg	gcatgagatg	gtatctcatt	gttctacttt	cttttatggg	252840
aatttgatat	agatttaggt	tctttttatt	catggattta	tactattttac	aacctctctg	252900
gtttaagaga	attcttttct	gtgagtgtaa	ctaagtatac	ttcctcttta	cctttttatt	252960
ttattattat	ttgggagtga	aagtgaagaga	ggttgtgtgt	cttccaactt	ttcgtatctc	253020
ttttttcttg	caggatctga	aatttcccat	cttttgcttc	ctctttgttt	taccaccag	253080
tttccaatgg	ctgtttctcc	cttctctctt	cctttgtgtc	cttttctgcc	ctaagcaatg	253140
cctcccagac	tgctgccttc	aatcgtgcac	aggcacaagg	ctgggactta	gggggtcccat	253200
cctcattgtc	agtgtgtgg	ctcaccagga	atctttacag	tatttttatgc	aaaagattga	253260
cgttctttcc	accaacagcc	tccaatcaat	ctttgactcc	actgacactt	ccctcttctc	253320
tcttccatac	tgttttccca	gagcttgtgg	ccacagtgtg	acatttcagct	ctgctgggat	253380
ttgggtgtcaa	cgttttttat	ctacacgtga	tctgaagatt	gtaggattct	ctatcttcta	253440
gctagaccga	ggttgtgggt	ttggtatagt	tttgcttatt	cttcttgctg	gtctgtatgg	253500
ctttatgggt	ggtcattgca	ctcatctagg	ccacctcttt	ccaaatggta	cttaggcaca	253560
actagagaac	aagtgttatt	ttctgcaggg	ctacagtcac	cctggagatg	tagaaagatc	253620
tgagagagag	aaagctgggtg	ccttctttgc	atatgagaaa	gtcattcagt	tatctaaggc	253680
acacatttat	ctaggacata	gaactttcag	ggcaaaaaca	acaatcaaag	aaataaatcc	253740
aggcatttga	tttgaagagc	ttaattgcat	tcagatttgc	ttttatactg	agtgttaggg	253800
aatataaaat	aaaaatatca	tactaagcat	tgcctattac	attcaaatac	tttcaaattt	253860
gtcattcacc	cagcaacctt	ataagtagta	atgattttat	catacaacta	tttctacact	253920
tgacagatga	gggagcaaga	ctcagagggg	ctcactcaca	tgctcttctg	gttgcaaagt	253980
tgatttgagt	ggggccagga	gtgaaaccca	aatccctctg	ctgaaaggac	cgtgccattt	254040
tcagcactaa	ccatgcttag	tcatagatgt	tttcacgaat	gtgatctttt	ttttcccca	254100
ttttctgttg	tttaatcacc	tgtaacctaa	ggccactctg	tgataacaaa	tgactagggg	254160
aaaatgcttt	tgagtgtcat	acttctcatt	gattaactct	gtaaaaacaa	tgtaagttgc	254220
ttgtccaggt	aagtagaaa	ccttttctcc	actaatgatt	caccttcttc	tctcttttca	254280
cagaggacag	ttatgggatg	gatgggaagg	ttaatcagcc	ccgtctcact	gcagacatca	254340
actggcaagg	cctagaggag	ctacacagtg	tgaatgaaaa	catctatgag	tacagacaaa	254400
actacagact	tagtctgggtg	gactggacta	attacttgaa	ggatttagat	agagtatttg	254460
cactgctgaa	gagtcactat	gagcaaaaata	aaacaaataa	gactcaaact	gctcaaagtg	254520
acgggttctt	ggttgtctct	gctgagcacg	ctgtgtcaat	ggagatggcc	tctgctgact	254580
cagatgaaga	cccaaggcat	aagggttgga	aaacacctca	tttgaccttg	ccagctgacc	254640
ttcaaaccct	gcatttgaac	cgaccaacat	taagtccaga	gagtaaaact	gaatggaata	254700
acgacattcc	agaagttaat	catttgaatt	ctgaacactg	gagaaaaacc	gaaaaatgga	254760
cggggcatga	agagactaat	catctggaaa	ccgatttcag	tggcgatggc	atgacagagc	254820
tagagctcgg	gccagcccc	aggctgcagc	ccattcgcag	gcacccgaaa	gaacttcccc	254880
agtatggtgg	tcctggaaa	gacatttttg	aagatcaact	atatcttctc	gtgcattccg	254940
atggaatttc	agttcatcag	atgttcacca	tggccaccgc	agaacaccga	agtaattcca	255000
gcatagcggg	gaagatgttg	accaagggtg	agaagaatca	cgaaaaggag	aagtcacagc	255060
acctagaagg	cagcgcctcc	tcttcaactc	cctctgatta	gatgaaactg	ttaccttacc	255120
ctaaacacag	tatttctttt	taactttttt	atltgtaaac	taataaagg	aatcacagcc	255180
accaacattc	caagctaccc	tgggtacctt	tgtgcagtag	aagctagtga	gcatgtgagc	255240
aagcgggtgtg	cacacggaga	ctcatcggtta	taatttacta	tctgccaaaga	gtagaaagaa	255300
aggetgggga	tatttgggtt	ggcttgggtt	tgattttttg	cttgtttgtt	tgttttgtac	255360
taaaacagta	ttatcttttg	aatatcgtag	ggacataagt	atatacatgt	tatccaatca	255420
agatggctag	aatggtgcct	ttctgagtg	ctaaaacttg	acacctctgg	taaactcttc	255480



aacacacttc	cactgcctgc	gtaatgaagt	tttgattcat	ttttaaccac	tggaattttt	255540
caatgccgtc	attttccagtt	agatgatttt	gcactttgag	attaaaatgc	catgtctatt	255600
tgattagtct	tattttttta	tttttacagg	cttatcagtc	tcactgttgg	ctgtcattgt	255660
gacaaagtca	aataaacccc	caaggacgac	acacagtatg	gatcacatat	tgtttgacat	255720
taagcttttg	ccagaaaatg	ttgcatgtgt	tttacctcga	cttgctaaaa	tcgattagca	255780
gaaaggcatg	gctaataatg	ttggtggtga	aaataaataa	ataagtaaac	aaaatgaaga	255840
ttgcctgctc	tctctgtgcc	tagcctcaaa	gcgttcatca	tacatcatac	ctttaagatt	255900
gctatatttt	gggttatttt	cttgacagga	gaaaaagatc	taaagatctt	ttattttcat	255960
cttttttggg	tttcttggca	tgactaagaa	gcttaaattgt	tgataaaaata	tgactagtgt	256020
tgaattttaca	ccaagaactt	ctcaataaaa	gaaaatcatg	aatgctccac	aatttcaaca	256080
taccacaaga	gaagttaatt	tcttaacatt	gtgttctatg	attatttgta	agaccttcac	256140
caagttctga	tatcttttaa	agacatagtt	caaaattgct	tttgaaaatc	tgtattcttg	256200
aaaatatcct	tggtgtgtat	taggttttta	aataccagct	aaaggattac	ctcactgagt	256260
catcagtacc	ctcctattca	gctccccaa	atgatgtgtt	tttgcttacc	ctaagagagg	256320
ttttcttctt	attttttagat	aattcaagtg	cttagataaa	ttatgttttc	tttaagtgtt	256380
tatggtaaac	tctttttaag	aaaatttaat	atgttatagc	tgaatctttt	tggttaacttt	256440
aaatctttat	catagactct	gtacatatgt	tcaaattagc	tgcttgcttg	atgtgtgtat	256500
catcggtggg	atgacagaac	aaacatat	atgatcatga	ataatgtgct	ttgtaaaaaag	256560
atttcaagtt	attaggaagc	atactctgtt	ttttaatcat	gtataatatt	ccatgatact	256620
tttatagaac	aattctggct	tcaggaaagt	ctagaagcaa	tatttcttca	aataaaaagg	256680
gtttaaactt	ttttctgttt	cagagaaatg	aacttaacca	agtttttgtg	gtacacccat	256740
ttcttgcaag	taaaattgag	tcatgatctc	tatttacatg	attgaatact	aaccaaactt	256800
ataaaatgga	gctgaagtca	atgtgtttata	gaacgttctc	agattaacaa	cttcaccacg	256860
gatttacctc	attgctgtct	tgagggaggc	agcagaggca	gcgccaaagg	agctttcccg	256920
gcaggcaacc	tagatggtca	caaagggcca	gcacttggtt	taatgctctg	atgtcacccg	256980
cnttgaaatc	cttaataatt	ttttaacaag	gggcccaca	ttttcatttt	ccacgggggc	257040
cctgcnaaat	caggtctggg	cagaaccaa	aatgggtctg	ggcagtaaaa	tggaattttt	257100
caaaaccaag	agaacagacc	ccactgaagg	cagtgtcggt	tcttcaggaa	ccaggaactt	257160
gggtggaaac	ctnaaancac	ccttcaagat	ctcaagtttt	ttgatacaca	aattccatat	257220
gcttccctct	gtctgttcca	aatctcctga	agaaatttag	ccttcagggt	gaggggctaa	257280
aaatctgtga	aatgtccaga	gaccagaagg	ttaaaaataa	ataagaagaa	gaaaaaaaga	257340
aagcaaaggg	tcaggggacc	taccaatcca	acccttggtt	aattgaggaa	accaagtttt	257400
caagagaaca	tagtctaaga	taatagcatt	gttgctccaa	ggcgcatctt	ggtgccttgc	257460
tccttggtcc	tttctgtaaa	atgtgcctga	gtcaaataat	gccatcctgg	agaaaaatgc	257520
atcttagttc	cattcaatag	ctgcatatgg	agtacctact	atgtggcaag	gacatgagag	257580
ggattgcatg	tctcccagag	ctgtttatcg	gatcttgaaa	ggcccttaga	gattggctgc	257640
ccagctagcc	tcatttgatt	tgcgaggaag	ctgaggctca	gaagagctga	gcgacttctt	257700
tagacnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	257760
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	257820
gtctgtcagc	tgctcctggg	ttagecgccg	cttcacaggc	cggaaactttc	acttctcttt	257880
cccctcctgt	ttataatate	tacccccagc	cccacctcaa	cctggagaaa	tcttgtccat	257940
cctttaattc	ccatatcagt	tcaaaattta	ccttttccct	ttgtgttcac	tttcctggac	258000
tcacgaccc	ctgaactttt	tatgtcctgt	attttccctt	tttgtgtggg	tattcaaatg	258060
ctgatgttgt	accaagtctg	cggccaatgg	aagaaaaatc	actggccaca	cgtatcacct	258120
cacccttccc	cactgctgac	caagaaactg	accctcatgt	gaccatcatt	ggttgtggtc	258180
tagttaactc	acctttctct	cagtgggtgt	gttgacactg	agcacgttgc	cagcacagta	258240
ccttgggcct	tgtagtgacc	cctctgctgt	ttgaagtaag	tagagagaat	gacttttaaa	258300
aatcaaattt	tctctgttga	gaccacagaa	tccctgagcc	ctcacgttgg	gggaagcact	258360
acagaaagat	aggggacaaa	ggaatccgca	ctaccttact	cttcagctgg	cgaaggtatt	258420
gctttctgtc	tgaatttctt	ggctcctcgt	tcagtgggcc	tccttctggc	actcaggtcc	258480
agaatctgca	tccaccaccg	ggctccccat	tccttccctg	acgtttcccc	tttccagccc	258540

caacagggcg	tatgactcag	agctagagcg	gaaccaaccc	aacctctatt	aagtttcagc	258600
aggagagggg	tcatggaccc	gacctgcca	ccctaattctg	ttttcgcac	actaagagca	258660
tcaccccatc	aagcccaaga	accagagaac	acgatatttag	catttgtgtt	tccaaaatga	258720
ccactaggtg	gtagtctagt	tcaactaaag	acatctttgc	ttgggtccag	gacccacccc	258780
tgcaaagcag	ctactttgat	ttctaaagta	gcagcgcacc	tctcgggtgt	accattttga	258840
caagaataca	gctagaacag	cttgatccct	ggcagacttg	ccctttcttc	agtgccttagg	258900
atcttagcca	ttccagcagg	cgaaagaaca	gtttttgctt	ctgatttata	ttgggtatttt	258960
aaattggaac	tgcatcaaac	tttgacgttt	caattcaaaa	gtgagcactg	aatatcgatc	259020
tccttgcttt	ccaaagtctt	tgtgcaatta	aaaatgtttt	ttagctccca	tacactgaac	259080
caacagaggt	catctctgcc	tagctggcaa	ttttgcaaag	aagagcggaa	ctagatgctt	259140
tttaacagct	cttaaaacac	tgaggttgta	ccaagtctgg	tgctaaagca	aggacgacaa	259200
gtgaccatat	tcataacctt	ttcccctcct	catttcttaa	aaagaaacat	tttctaattgt	259260
gcctattcaa	aaagcccaat	acccaaggac	gtcatgtcta	aaacacccaa	aacaatggcc	259320
acaaaagcca	aaattgacaa	atgggatcta	attgaactaa	agagcttctg	cacagcaaaa	259380
gaaactacca	tcagagtga	cagacaacct	acagaatggg	agaaaatttt	tgcaatctac	259440
tcactctgaca	aagggcta	atccagaatc	tataatgaac	tcaaacaat	ttacaagaaa	259500
aaaacaaaca	accccatcaa	caagtgggcg	aaggatatga	acagacactt	ctcaaaagaa	259560
gacattttatg	cagccaaaag	acacatgaaa	aatgctcat	catcactggc	catcagagaa	259620
atgcaaatca	aaaccacaat	gacataccat	ctcacaccag	ttagaatggc	aatcattaaa	259680
aagtcaggaa	acaacaggtg	ctggagagga	tgtggagaaa	taggaacact	tttacactgt	259740
tggtgggact	gtaaaactagt	tcaaccatgg	tggaagacag	tgtggcgatt	cctcagggat	259800
ctagaactag	aaataccatt	tgactcagcc	atctcattac	tggttatata	cccaaaggat	259860
tataaatcat	gctgttataa	agacacatgc	acacgtatgt	ttattgcggc	actattcaca	259920
atagcaaaga	cttggaacca	acccaaatgt	ccggcaatga	tagactggat	taagaaaatg	259980
tggcacatat	acaccatgga	atactatgca	gccataaaaa	atgatgagtt	catgtccttt	260040
gtagggacat	ggatgaagct	ggaaaccatc	attctcagca	aactatccca	aggacaaaaa	260100
accaaaccac	gcattgttctc	actcataggt	gggaattgaa	caatgagaac	acatggacac	260160
aggaagggga	acatcagaca	ccggggcctg	ttgtgggggtg	gggggaggg		260209

<210> 24  
 <211> 171936  
 <212> DNA  
 <213> Mus musculus

<400> 24						
gggagagggga	gagggagagg	gagagggaga	ggaaaaaccc	tacttctgtg	gctctgttaa	60
tggaagcaag	ctgggagcga	ttacagagat	tttcttagat	gccataatgc	tggaaggcc	120
ttctgggaaa	gcagtgtgcc	cctcaggggt	gccactcca	gtcctgaggg	acgaggggtg	180
caccatgtct	acagcctcct	gccaaggggc	ctagcaacat	gtacaagccc	acgtgataaa	240
cctaatacaac	tgtggcgcca	ggggaagggg	tcagcttcgt	ccactgtgtg	gtccttccag	300
tggtgctatg	tggtcacatc	attgtaaaaa	gagaatctcg	gggagccagg	tcagttggta	360
aagtacgtgt	cccaagggtg	gtgtgcctga	gttcagatct	caggacaatc	ttgcaaaacc	420
agtgagtact	gggttcagtg	agagatgctg	tctcaaaaaa	taaagtggcc	atttactaga	480
gaagacagag	gtaagagagt	aacgtcaggt	gtcccccttg	atcactacct	ccccccagcc	540
ctggagttac	aggtatgcag	tcattccctg	ctttttacat	aaaccttagg	ggttgaactc	600
aggtcctcct	gcttgcaagg	gcagtgtctc	cccaaccaag	ctacctcctt	aacctatctt	660
cattcttttt	tggtgtgtgt	gtttttgtgt	ttttgagaca	gggtttctct	gtgcagtcct	720
ggctgtcctg	gaactcactc	tgtagaccag	gctggcctcg	aactcagaaa	tctgcctgcc	780
tctgcctccc	aagtgtctgg	attataggtg	tgogccacca	ctgccagcc	catcttcatt	840
cttaaatggg	aaaactgagt	gggtggggct	ggcagagtca	gcaaatgaac	cacctgccag	900
tcagtggctg	agctgagtgc	aggctgctag	actctctcaa	ccctagagca	gcgtcgagcc	960

atggcccgcc	atcataatca	caatctataa	actataatca	aagctcagaa	gtgatttctc	1020
tagaatccga	ccataaaact	agatatactg	tcccagagaa	agccctagat	caaattacac	1080
ttacgaacaa	atgaattgta	cttttccctt	caagaaaaca	aagatcccag	ggctggaaag	1140
atgatggttc	agaggttaag	agcacacact	gctttgcaga	ggaccaaagt	tgggttccta	1200
gcacccatgg	cagggttgctt	ataactgcgt	ataactctag	ctccaggaga	cctgggtgcca	1260
cgttcaggag	gctctgacgc	cctcttttgg	ctactgaagg	cgttgcatgc	atgttcacat	1320
accatacac	agacacacag	aaatatgtgc	agataattta	aaaacaaaca	acaaaaaccg	1380
aagcaaaaaca	aaaaccaaac	aaacaaaaac	aatccaactt	gaaaagaaga	gtctttttgt	1440
tctaccttgt	ccagagagag	acttctgctt	tgcccggggc	ctcgtgccta	ttttcattgt	1500
caactccatc	tgtcctcaca	tgtccatgta	cccacacaaa	cctggggccac	acaactgata	1560
cagattcaca	taaactttct	gacccatttc	tccaagagag	accaatgggc	taacatcaga	1620
caacaagtct	gattgtcacc	atgtcctcgt	ggtctttgaa	gagtgtctta	actggagact	1680
atcccactct	ttccctggta	agaattcaca	gtaaaccacca	tactcttttg	agattgcccg	1740
tggcaattac	agtggtttat	aattctcttc	cctctcaaac	tagaccttga	ttcctaaatg	1800
tgcactttta	agcgtcaggc	gttagaataa	attagactac	acaattacat	gtaattaaag	1860
gggggaaacg	gccgtgggtg	tgcaaagata	gccgcatttt	gctgaagtaa	agcctgtctg	1920
tgaccgtgtg	ctggcccggg	gaggccacat	gaaatacaat	tagtgctctg	ttttaatgga	1980
ggcctatgga	gtcgtctctc	ttatcacaat	atctgaagat	atataaacag	cttcttgcta	2040
ataccagggt	atcttctcctg	acaagacagc	ttgggttcta	actgcgagac	ttcagcagaa	2100
ttaaccacaa	attcatattg	ttgtgcaaga	actggaattt	ggtttttttt	taagttgaaa	2160
aaaaaaaaac	aaaaccccaa	atctctataa	tatatatccc	ctcaagatgc	aattctcccc	2220
atcttctctc	tcttcatcaa	tgcctctgat	acagaggaca	ttattacacc	ttattggtat	2280
tttaaaagcc	tatctatctc	cactcaggag	ccaggaagtt	tgagctccac	cctggagaag	2340
caagtcacag	ccaagcatgc	atgccttatt	aaagccacct	gtgccccag	aacgtggggc	2400
ctcagccaga	gccccagcc	tgcagccgtg	tccctacggt	tactgtttct	tctttacacg	2460
ccaatttggt	tgagacatgt	taaaagggtt	tcttttataa	ccctcataaa	ataccatoga	2520
cttcgcccag	atgcagccaa	aaaagctgag	accgtctgac	tcatttcaac	ctgtgggcca	2580
ggatgcagaa	agaccacacg	gagttccccg	cattgccaga	gaaccaaggg	cataacaatg	2640
caaaggaccc	catagggtaa	gtagcaccca	cgatgtcctg	cggagtgage	caccaaggca	2700
ctgccacaga	gaaaaagcaa	ggcatagggg	tgtcaggaca	aaggttctca	aggttaaacc	2760
aacaatgggg	gtgttagctt	gagagtctgg	agttcagacg	gctccatggt	tgtataccca	2820
gctctgctat	ttgcagagac	ggatattaat	caggagcaca	ggggtcatag	aagaaaaggct	2880
ggcctggacc	aagtgtctag	aaggcagggg	ctggaaactc	aggtcctggg	gaccctgtgt	2940
agcccaccca	ggccagagat	gaactgtaga	agagacagtg	actccccagg	ctgggggact	3000
ctgaccctga	agtcacctac	atcttttagat	cgacacagaa	gttcttgagt	ggggccagcc	3060
gttttcatct	tcttgaaaag	agcccaggca	acaggetgag	gcccagacca	gcagggttag	3120
gtgtgacta	ggagttaggg	ggaagtcaat	tgtcttaact	gattaatgat	tccctgaatc	3180
acacacccag	gtacacacac	acacacactt	gtccctaagc	tctgtctcct	cctctgtaaa	3240
gaagaaaagt	ggtcagggtg	tggcattgcc	accactttcc	atttccatta	caacaaagaa	3300
acataagaga	aatcacatga	taccaccttc	ctccagcgct	cagtcccaac	tgggagactg	3360
agaactgccc	tctttcctgg	aattttctgtt	gggcacaccc	atctacagag	agtcaagtct	3420
gaagtgcaag	ggtgtggtcc	tagtggtttc	tgatgtaaat	ccccaaactt	tagagcatte	3480
tctagaacct	cagagcaaac	agggcacaga	ttccattctg	catecttctt	gcccagaccg	3540
caataggaca	ctgcagacct	gctagaaagt	cactgctgaa	ataaggcatg	tggttcaaag	3600
ccagggtgcag	cctgtgggct	gtgtacaagc	ctctgtcatc	tctgagcata	catgtttctc	3660
aaaaactatg	aatgtacact	tcatgtgatg	accagggtgca	aagctctcca	tttggccaca	3720
gaacctgctg	ttcttctctg	gaggagaacc	ccaagccagg	atgggtatag	catgtaaagt	3780
tacctgttgc	agaaaaagag	aaggatacaa	aaagatcaag	tgtatacatt	gttgttgctt	3840
cgtgtgcttc	tgagacagta	tactatataa	gaaagtttga	ctttgggtga	tctcctgccc	3900
tcagccttcc	cagtgcaggc	atcacagatg	tggggccacga	gaataactgtc	tgagttgacc	3960
ctataaggat	atataaatta	atcaatttaa	ttattcaatt	aaatgtctgg	gatgttgaaa	4020

ctgattacac	ctgcttttct	atctgtttta	ttggtttatt	ttctgagatt	tttttcoctt	4080
tgttttgttt	tgttttgttt	tgttttgttt	taatagggtc	tcctggacct	ccaaactggtc	4140
ttaatcaccc	tgtgtgtaga	taagggtgac	cttgaatttt	ttattttcct	gcctttgcct	4200
cccaagagct	gggattgcag	gcgtgcacca	gcactgtaca	tttgatgttt	gtttgtgtgt	4260
ttgtgctttc	taatgaagtt	ctcagaatct	caaggatggg	agccctctgc	cccaagcatc	4320
caatgaacag	cgctgcaggg	gcccagcccc	ttctcatgca	gcactgagac	tggaaatgcct	4380
gggggtgggg	tggaggggtg	gggggggggt	tcataaaagc	gaatactcac	gcctaacatc	4440
ctgtatccag	ccaggactct	acactagcca	aagggtgggg	ttgccccggg	cttaggaaag	4500
caagttcagg	gttagtacia	cgactgtatg	ggcggagtcg	agagccccc	acgcagtcca	4560
gacaaccgcg	ttgaatttta	gataaacagc	gaggacgtga	ttttagtga	tctccatcgg	4620
tgccctgtta	tttttactac	gtgaatttga	caaacgctat	ccatcagaaa	actagaaaaa	4680
tcaccaccag	ggaaggagga	tcttgaaaat	aagcgcagcc	tggggggtca	gatacaactc	4740
cggagctcag	cttcttgggt	tcagatcctg	atccaactat	ctgaccttgg	gccaataact	4800
taacggctct	gtcttgattt	cagtatctat	aaatggatga	acatcttggg	agactttcag	4860
gggttacgtt	tccatccgag	gcccgcctcg	ttccaccgca	gggtcgataa	ccccctagca	4920
catcagctgt	actttctgaa	gctaactggtg	ggctctgtga	ggctcttcac	ccacccttgg	4980
cagccagggc	cccctcaagc	ctctggtggc	ttcggggacg	gcagaaaccg	cgagacagc	5040
accacctgga	gtcagagttc	tccctttacc	aagggaaccg	gcctcccctt	tctttcccat	5100
tcccggccca	tgtctgggca	acgcttctgc	tttcgcttga	gctcaactta	atttctcaga	5160
gagcttcgga	gacgcgtggg	aagggtcccag	gcgcgtgggc	agttcctccc	gcgatctagc	5220
ttggggatcg	gcccagagccg	gcgtctccaa	tggcaagtgt	gtgcgtgtgt	gttttagaggc	5280
gagcgcgggg	ctttcagcta	aggctgccgg	gtgtttgcaa	accagggcga	gccccctgtga	5340
aagcggataa	aagaaaacat	ttattaacgt	gtcattacga	ggggcagcgc	cgggccgggg	5400
ctgtcgcacg	cctcagggaa	cacttggtct	ctcgtctgtg	ggaggggagg	ggacgaaaaa	5460
gcggaaagag	gctggattct	ctgcgcgcca	gcccgggggc	ctgatccatg	gcccctcgca	5520
cttcgcgcgcg	gtgtctggtg	gactaagaga	tgcccccgcg	gtccgagtg	cacacacgcg	5580
cgcacacacg	cacgcgcggt	cccggctcgc	cggcagctcc	ctgctcagcg	cacatcagcc	5640
tcaactccgc	gcccagggcg	agcgggagcg	gggtgcgggtg	agtgcgcccc	gggcccgcga	5700
gggtgcgcgc	tggcgggcg	gagcgcggcc	ggccaccggc	tcggcaggca	gcaggccggg	5760
agccgcgggg	acttcggggc	ggggcgcggg	gcggccgcgg	cggcggagg	gaggagcgat	5820
ggctgaatcg	cgggtcccc	ggcgggggcg	gaggcggctg	ggctcctggg	cctggcgcg	5880
gcggaggccg	ggcgggcgcg	ggcgaaagcag	aagccgggat	gccgcggagg	cggctggagc	5940
agcggcaagg	cagagtcccc	tacgccccgc	ggcccggccc	ggctgcggca	gagacgcgg	6000
gaggccgcgg	gggcccgcgc	gtgagtgggg	cgcggggccg	ggcccggatc	acagattcca	6060
gggcgagcac	ggttcagggtg	agcccagccg	gtcccgcctg	cccggctcag	ggagggtgtt	6120
acccggagg	ttaggtagccg	gcccggcctca	gtggggctga	ccgatttgac	cccgtctgca	6180
aggtgggcg	gctaggggag	gacttcccgc	gcccgggtgg	ttcccgggga	agggcgcggtg	6240
gaccgcgggg	ctgcaggagc	atggcccgg	tgacccttgg	aggttttagat	ccagagggcc	6300
agctagaagc	cagaccacgt	gtggcttgtc	cgggcaggac	ccgagcaagc	agggactagg	6360
aactcgcaga	acggaggaca	aatgaaatcg	taaaacttct	cccgcgccag	gtcagaacct	6420
atcgccctgc	agacctgcgt	ccgcgcgggg	ctccagaagc	ccggaggggg	cgctgcagcg	6480
gggactgcga	cttcgttttag	agagtagtag	ttcattcatt	cattcattcg	acaagcattt	6540
gtggcgctct	gagtgtacca	ggcacggagt	gtcaccagc	gaagcgcgga	tggtagtggt	6600
agtccttgcg	agggcggtcg	gtggcgaaag	gaggctccaa	gtgggcagat	ggaaggagcc	6660
acccgcgggg	ccatgggtct	gcttagtgat	ctctgcctgg	aggggacctt	gagagccttg	6720
tctccctaca	cagaaggacg	ctctgcacag	agcatggctg	tggtagcccc	cgccttcccc	6780
cttccccctc	cccacttctt	gaaagttctg	attggcccca	cccctccagg	actggctctc	6840
ctgcagcttg	ttttaatcac	tttttgagtt	aaaagtcaat	atttaattaa	ccaagtaatt	6900
acattcagct	ttcgtttgaa	tctggatatt	tgtctgtct	gtggggatgc	ccgcctctt	6960
ccccctttcc	atctgtcctt	gcctctttcc	cacgggtcac	ccccagctac	tctggagggtg	7020
acagagagca	ggtgatgttg	gctttccctg	gggacacct	ggattttgtt	caccttgacg	7080

ttcatgtgac	cgggtccagc	tccttgccca	gaggggatca	actgagatac	aaccattgat	7140
taaaaggggt	gggagttccc	taaacacccc	tccccccaag	attctccacc	cagcctggct	7200
gggtcccagg	gaaatcaaaa	caacctgttt	ctatgtgggt	cagtgttgaa	atcagcagtt	7260
tattgaggat	agtgttagct	tggccaatgg	catgatgaac	ccgtgtgtcc	tgccttgggc	7320
tgagggtagt	gtggcctttg	actttgtgta	accctcttga	gggtttttta	tttgaattta	7380
caacactttc	tgaaacctta	atagcatgtt	aggttttcag	gcttaaagtt	tgtgtactca	7440
agactggccc	cgagggagaa	actccaggca	cccttgtaca	gtctgtgtgc	ctgcgtggga	7500
ccccctgtcc	cacatggcct	tcattcaagg	accccatccc	acagacagtt	tcactcttga	7560
tgttccaaat	gccctttcac	ttgggaatcc	agcgccctct	tgtagtctgg	gtttgggtgt	7620
gggtttgacg	gcttttggcc	cctgggtatg	tggaggattg	tcacacagcc	attatctttt	7680
cttagactat	gccctctctg	aagacctgag	gcccttccct	cctttctgac	cagttcaaag	7740
aaggttcccc	ttcacctcaa	agataagagg	caggaagtgt	ttgagcccg	cccttagaca	7800
taatagtcac	gtgtccacac	aaaatctgtg	atacattcct	cacgtccag	gtccactctg	7860
aaccacgggg	ttgccctttc	accaggtgct	tgttttctaa	atgcagggga	caagaaacat	7920
gactagtaaa	atagtaaagc	tagttaagtt	agtagcctgt	ctgaatcctt	tcccttcccc	7980
aagaacgcgt	gctgtcgtgg	gtaactgtgg	ggcggtgccc	tggtttgtat	tgtgtgttgt	8040
tattgctgtt	ttctctggct	tttgggggtt	ttgtttgttt	gtttgtttgt	ttgtttttgt	8100
tttggggagg	gtttgttttt	agttttgggt	ttttttgttt	gtttgtttgg	ttggttgggt	8160
ttggttttgg	ttttggctct	ttttccccct	tctctttccc	agggtttcat	ctcctctcct	8220
ggtgtatatg	tgaaggttct	ttcaaagtgt	gccaatgaaa	accatgcaaa	aaataaggat	8280
tttttttagct	cttaaaaagc	acaggggaatg	acataggaca	ttgtaggagt	gagaccctct	8340
tgtggctgct	ggtggactgg	cctcagagcg	tgtaccaggg	acttggtttc	agactgggct	8400
ctgtgtgtca	gtggacaaga	aagcgagcct	ctccataatg	accatagcag	gccaggacaa	8460
tctggctatg	gccagccctg	ggggctggcc	tgggtggggac	cccggcagat	gcccatgctc	8520
cagccggcct	caaggcgcta	tctaattggg	agatcattaa	gatcattata	attaattggc	8580
atcctgataa	atggcgtgat	tgcctaattg	gggtggttgc	tagggaacta	gacctcactt	8640
ggagccctaga	ggggaagagg	cagtggctgg	ctgcagttag	gcgctggggg	tacagaccct	8700
gcagctcatg	ggcgggaagc	cagaactgta	tcaccacacat	ctgctggcag	ctgctgagtg	8760
tagttgtaga	tggaatgtgg	gctaggggtg	ttttcttaga	agggtcgcaa	tcaggaccct	8820
ttcttgcaag	ccattgaaa	agacgctctg	aaatcactgg	gaggcaaagg	aaaaatgcc	8880
gacgccttgc	acagggcccc	aaatcctaag	acagccttgg	catcgtagac	cactggctca	8940
gagactcagc	atttgccaca	gacgccattc	ttccatctcc	gctctgccct	ctacctcact	9000
ctgtgccttc	ctcagaacta	aagctgcagt	ctctggcagc	cccaggetgg	gtgttttaag	9060
acagccggtc	catctggcca	cctgcccagt	gatgacatgg	gggcgtgtga	ctcaaccgtt	9120
ctgtgcctct	gtgttctcat	ccaacaagtg	ctgggggtaa	gtccccactc	cttcccagat	9180
ctgtggggcca	gagcgagatc	atcagtaagt	accaagtgtc	tagcatctgc	cccaggtaaa	9240
cctggaccac	agggtggctg	ctctctcacc	cctgtggtca	cagcccaaga	acagaagcaa	9300
gcctctttgc	agtgcagtc	cctaagcccc	cagatgccct	cccatgagac	cactgaccag	9360
ttacacacgc	cctctgacta	tggctctgaat	gagaagagag	gaccccttgg	tcccacaagt	9420
gtgacaaata	agcatggtca	tttggggagc	aaggagccac	gtgtatgggc	agccaatcgt	9480
cagaagggcc	tgtcagcacc	ctggctgagg	tgagaactcc	agggacatta	ccaccctccc	9540
cttcccattg	ggtctttggg	aaccagaggc	tatcttagct	gcttcagtgg	ataaagctgc	9600
agcctggcct	tgatccaggc	ctttctgggg	gctgagttta	cctggctctc	caccatgaaa	9660
atcatcatga	agtgtttgtt	taaaaaatgt	aaagtccac	agagagagca	ggcaccctgc	9720
atatatatgt	tcacgtcagc	aaaaggcctt	gaaagagggc	cctgtctact	agagggcggt	9780
agggaatggt	accctagatg	agaacagggg	gacagaggta	ccaaaatgca	ccctcgctct	9840
gaacatgaca	accttcttgg	tattgtgaag	gtcctattat	tacacgatcc	cacatcgggc	9900
caataccaca	aggggtcaa	ttccccatgg	gtcccagtac	cataaggatc	ccagtactcc	9960
atgggtccca	gtacagcaca	gatcagatta	cctcttgtca	ctagtaaata	cctgacaaga	10020
gccaggtgct	gcctgagggc	ctagcccagc	aagagagagc	ctgggccacc	agagacacaa	10080
ggcccccaag	agcaagcggt	gaatgggggc	catagtcaag	gcagtttata	acaggcttca	10140

aaaaaaaaa	aaaaaacagt	aataaaatac	aagacacctt	caccagtgc	aagcacggtg	10200
aggcatcttc	agggaggtgg	tccagagagg	cctccctgaa	gaagagatct	ctgagccatg	10260
gcctgaagtg	taagaaagag	gctggcctca	gggaaaagac	aaggaaagaa	cacttgaggt	10320
ggtgagagag	catcctgtgc	aaaggccctg	gggtagagaa	cacgggttgt	tcaggaacca	10380
gaagtccagt	gggagtaggg	agccatgagt	gagtgggtga	gacaaagaca	gaagtgtgac	10440
attcagactt	tagattttta	atgacatgga	caatccgagg	aggctgtcag	acaggaagga	10500
gcgagcccat	ctgtttcaga	aaacctcggc	tcacacgac	aataggctca	atgctaagt	10560
gggagacaat	gccccggggc	atcgggacca	tgggagtcag	aacagtcagg	ggacaaaatc	10620
ataatgatgg	tttgggttgg	atagaaat	ggggtgtgga	gccaacagga	cttgagcggg	10680
tccaggggtc	agaataggaa	aaagccattg	attctcaaac	aagggtgctc	ttgctggcta	10740
ggggacatgc	agtgttggtg	aagacaat	tgagtgtcac	aaacatggca	cccatgggtg	10800
gagactgtct	gtgcctctca	ccatctttcc	cttcgagggg	gggccccacc	caaagagggg	10860
acagagtgtc	gaatgcactg	gccgggtggc	tgggatatgg	tggttcctaa	gcactgtgag	10920
gagggagcag	gggggaaggc	taaggagga	ctgagtctgg	tggttctcga	ggcccccgga	10980
tgccctcgtg	gtccctggatg	tgcgagtctg	tagcctgctg	aggctgaagg	cctgaacttg	11040
ggagctgttg	tgcttcccag	ttatttttaag	ccatgtggct	agacacgctt	acaagagaga	11100
gtcatatttg	tggttgctgg	tgtgggtccc	tgcccccagg	gcctgttaca	tacctattcg	11160
gtgaatat	ttggacaccc	cactcaactct	cctctctgtt	cctgggagca	ctagaatgcg	11220
ctggctgagc	tttccatgac	tgactcctca	actcctgggt	gattggcaga	cagaaatccc	11280
cactgtggca	gaggaaacag	ggtggggggt	gcgggggggg	ggggggcctc	tccaccctga	11340
caggtggcac	aatgcctcct	gagtagagca	gccttctaa	cctcctctgc	agctgagtct	11400
agcaactttg	tagattctca	cagaccagt	ttttacatct	ccagtctcaa	taggattgca	11460
aaacacacat	agaccccggtg	gcaggggcac	cagactcata	gctagctgtc	tggtgtgaaa	11520
gacatggccc	cctgctttac	acactggggc	ccactggaga	cagccctcca	ttccagccca	11580
gactcgaatc	cttaagctaa	gcacgcctgt	ggggcctcgg	ggtaggggaa	gctgaggcca	11640
taagctgggg	gacctcaagc	agggacataa	gatgtgtttg	gccaggtggg	cgccagatgt	11700
gtctaagaag	tacgttgctg	acagctcttc	ttgtggggcc	atggctggaa	ctctagcagg	11760
agtctgacct	acctcggtag	ccagagaggt	ggggatctgt	gcaaatagcc	cagggagggg	11820
atctgtgctt	ggtgagccct	gcctaactgc	cggctctaga	gactcggcat	gctgtctgga	11880
gacttctaag	gccagctgct	aagttggatg	tctcagagaa	cagggaaagg	gaccaaggct	11940
gttacgatag	ctcagagtct	aatcaccatg	ctttctttac	ttatagtaaa	atggaattct	12000
tggttagcgc	atctgggcaa	ttgaagt	tatttcccaa	cacaacaaaa	cattccaagt	12060
actggagagc	ccaagtcttg	tcttttgaaa	acatcttaga	atgatgtttt	cagttttctg	12120
ctatccactg	tcctctgtc	cttcttactg	tgtctttgac	cttcttgttg	tctcttgttg	12180
tagctgccac	agagccaatc	atcaaccccc	cgcccttca	aagtaggata	taggtcagaa	12240
ctttttttct	cgtcttatt	ttccaaagaa	caaaatcctt	ctgaagctcg	ccctgccgca	12300
ggctttgctc	tgtgcctcct	tggccccctg	ctgggtgttg	tactggattc	taaaccaa	12360
gccaggaagg	aggaaggat	aagcgggttt	tgctgatagt	cttagcgcaa	tgctttccaa	12420
accaacagat	caaacacctt	cgggttttag	caagtgtctt	gaggggaggt	ttacctggaa	12480
gggactcaca	gataacttat	ctgcaccgtc	atcagtga	taccccgatt	aggaatgaaa	12540
gggaaaacta	aggcagagt	gcttataatt	aaacacagta	agcactgc	agcccagcac	12600
ctgggtgggg	cacctgggcg	gggcacctgg	gagggactgg	caaagggtgc	ctcattgtgc	12660
caaggggcac	aactctgcag	gcagtgcagg	tggatat	gccaacatga	ccataaacat	12720
tttctagcag	ctgaggagac	tatactgggt	ggataagcca	catgccaaga	agccaccagg	12780
accttaactg	gaattcccca	acacctatgt	aaagaaagac	ccaaagtgtg	gctgtggcac	12840
ccacaatccc	agcacaatgg	aggcagaatc	aggaggaccc	cgaaagcttg	ctggccagat	12900
agtctagctg	aattgttgag	ctcaaaaaca	aacaaaacca	aggtcgaaga	caacagctgc	12960
tgtcagcctc	tggtctctga	gctcacaaac	atgcacacat	atgcctgtga	cccataagac	13020
aatggcaatt	ttataaaata	ctgaacaaat	ggccaaat	cccaagtga	atgactcttg	13080
ctcttccctt	agtttgtctg	ggtgtagggt	aaaaacaatt	ccacgggtgat	cttcttcag	13140
ggtagcagtc	cttttcttgg	ctcttgaagc	tgtcagcagc	tttctcctct	gcagcaagg	13200

ctggcagaag	ttagttagga	aatcatcctg	gaactctggt	ctcctgggtg	acacttgtga	13260
tccggaggct	aaggcaggaa	atcatacaga	gggagtttga	agctagtctg	ggctacatga	13320
gattctgacc	cccaaaatca	aaatgggcct	cccctcagca	ctgcagttag	tcatatggtg	13380
cctcggatgt	cctcacacag	tcccaggggtg	gcccctcggg	caaggagaga	ctccctgtga	13440
gtaacagttt	acagcagtgc	ggatttggag	aactggaggc	atctgcccta	aagatgctgt	13500
gacactgagt	gcggccagcc	tttgccacag	tcggggccaa	gtgtctctgg	ttgatcttgg	13560
gatcattgtc	atctcaccag	gcttagatgg	agcaggggta	aaagagacat	cctggaggtc	13620
acggtgtcac	aaaggcaaca	gctctaactc	gaacgccttg	ctctgctctg	cctctcaaga	13680
gctgtgtgca	ggtgggcgag	ccactctgca	cctctgagtc	acttttgcct	ccagtggaaa	13740
cctggacagc	cattgcagcc	tgttcccta	gtagctgtgg	ggaccaggt	aatgcctggg	13800
cacgaggtcc	cggctacaga	aaagctggct	tcctatggtc	actgtttag	ctgtttctgc	13860
tcgtatctga	gaatcctttc	ttagcttttg	gggcaggggt	gactgtgtct	ttggggcact	13920
ggctctaggg	aagggcactg	aggcagttga	acacggacca	gtggggccaga	aaggaaggta	13980
tcattggggg	ttactgctcg	gccataccgt	gtcggctccc	cacccatcct	accttctctt	14040
ccaggcccca	tccacactag	cccaggaagg	aagccaagct	cggggcctag	aacctgtcct	14100
gacaacccag	ggtggcacct	gtcactgtga	ggataggcag	atggttggaa	aaaggaagtc	14160
ttagaatctc	ccagtgcctt	ggccacagcc	tgatggtaaa	tcgagcgcct	ctggagtcac	14220
agtccaagcc	ttgaggtgct	tcacagctgc	ctagagaatg	ccagtgttct	gcactcttgg	14280
gaaccataaa	agcaggagag	aaggctcagg	tatactgcct	ctgccaaagtc	ccaaaggggc	14340
tccttgaggt	ggcacacagc	ctgaaatagc	ttatgtcagg	gcctgttctt	gtaataaaat	14400
gcaggctcac	tgcaatatcc	tgccctgtct	gtacccccac	cccaccccat	ttacctctca	14460
gactctttag	gctggttgcc	tgccctcccc	cactcccat	acactggaca	cttcgctctt	14520
cttggtgctc	gtaaaagtga	ctccaacact	aagtctagat	acttgctctt	tgaactgtct	14580
aatgtcacct	ctggctccct	cagtctccgc	tctaattgtca	ctctaggatg	acaatgtttc	14640
ctttggaatt	ctcttggttg	ttattggaat	tctcttattt	cctctctcct	cattaaaatg	14700
tcagcctagt	gtggtggggc	cttggtcttc	tcagagcttg	gcccagccct	gcaggtagcc	14760
cggaaagagg	cctgcagatt	ggctgctgaa	aggaaaggag	tctgtccttg	ctggaagggtg	14820
actgactgct	cagaccctgg	aagtccaaac	ctgtttgtcg	ctggcagaga	acaagcttaa	14880
agtggaactg	gttagattca	cacattccca	cagtagctgg	cagaggaggg	gtcatcacc	14940
tgatgtcccg	gcagggacag	caggcctcag	gaacacgggg	cgtttggggc	atgtgggaag	15000
tgaaaagttc	acctttgaga	cagggtgatgt	gcctcatctc	ctccctggcc	tcccaacatc	15060
taagcgcac	acaggatggg	ctctgagcac	tgctgggtt	ccgggggacc	caggatgatt	15120
tagggctgga	gtagaatcct	gctccgtgta	ttaggggctc	atgtctgcag	acctgggagt	15180
acagagccct	gtctagaaaa	caaaagaaat	tgtaaggcct	ccaaattgac	taccaggggc	15240
ctgtgttttg	cttttatgtt	cttcacccat	gtgttatttt	gaaccttttg	gggggaaaat	15300
caattaatag	aatgttgggg	tggggtgtcc	cccccaacag	ggtcttgcta	tgtagcgtag	15360
gctgacctgg	aactctcaat	cctcctgcct	ttccgtcagc	ctcccaagtg	ctagaattac	15420
atgcatattt	caaaagttag	agtttcagtt	agagacagtg	tgtgccctga	caggccacct	15480
gagtgcctct	tgacttagcc	aagggtgctg	cctgagtcctg	gccacctctg	ttcttgccct	15540
gcctgggttag	ttttcccacg	gtagaggcgg	cctctgcaga	aaacaaagcc	agagtggggg	15600
tggggagcag	tggccctgta	tcaggcccag	ggggagcagt	ggccttgtag	caggccatt	15660
tctccaatca	caaggccac	acagatgtca	gcacctgcg	atgacacgct	ttcagggaca	15720
acacactaca	cacatgcctg	tagtgatact	gaaatcttac	acctgtcagg	tagcacacac	15780
ctgtaatccc	agcactctgg	gtgtgggggc	agtgggggtca	tgggttcaag	gccatccttg	15840
gctacatagc	aagcttgaga	cttagcctga	gctacataag	accctatttc	aatactagt	15900
ctgctgctgc	tgctactact	actactacta	atactaataa	taaaatctgc	cctgtatttg	15960
ttgcttgcca	tttagtcatc	cccaaaatct	ttaaaaacag	gaagttgggtc	gtgtctgtct	16020
agtaaggggt	aaactgaggc	acgatgtgga	aagcttcagt	ggggtcattc	attaagatcc	16080
gtcatcttcc	cacgtccatt	gctaggctct	gaggtgtgtg	gtggagggtg	cagtagctct	16140
cttgtgttct	gacaatgcgt	gggctgccag	tgggttgctt	tgagtgacct	cagtgtgtgt	16200
cacaggcatt	gtttcctcag	cgggctgac	tcccacattt	ctgtgtggcc	tgagcagcca	16260



catggcagcc	ggagtgtagc	ttcaggaggg	gcagaaatga	gaaatgccga	gtctaagcct	16320
tacacaggtc	ctgcgtcaca	ctggccgttt	tctctaggat	aggagaggtt	gaagaactgc	16380
accgtttcct	ggggtggagg	ctgcacacag	gtggggctgc	ccagcagagt	ctgaggaagt	16440
aacaagtcac	ccacccgtec	caatgcttgc	cccaggaact	ggattcgtct	gggggcactg	16500
aaaggctcag	ggatctgtag	gagagctggg	cttggggagag	cacaggacac	agtctggaag	16560
tctgggggggt	ctctgagcag	gagttgctag	cggccctttg	gagtgtggca	tgagggccac	16620
tgagagacca	ttcacccctg	ctggggccct	tgctctgagc	actatctggg	aggcctgagc	16680
tcaggaagag	tctcattggc	tagctctggg	cacatggtea	cccttggtag	gagagaatat	16740
cctctatgaa	gtaaattgag	ttactgtttt	ccaaagaagg	aaggggaggc	gggtgcttct	16800
caggcaggag	aaatgaaaag	tctgcatgcg	tcacccttct	taccaagatg	gagcggctat	16860
catctcaaag	gatggagttt	ttttggtttg	gtttgtttgt	ttgtttgttt	gttgtttttc	16920
aagaccgggt	ttcttttgtg	agccctggct	gtccaggaac	tcactttgta	gaccaggctg	16980
gcctggaact	cagaaatccg	cctgcctctg	cctcccaagt	gctgggacta	aaggcttgcg	17040
ccaccaccgc	ccggccagga	tagttttttt	aaaggccggc	agcgacagac	cctgtagtga	17100
ggtactgggc	agagtcaact	ccctcatcc	agctgttctt	cagtgttctt	gtctggaaaa	17160
tgaagatgac	ctgtgtagg	cctcccgga	cccaggctc	cggacacacc	cccaccccag	17220
ccttgtctgg	acctgggttt	ctcggtttcc	tttcttgca	ccccaggatg	tgccactta	17280
aggacgtca	ggctgatgcc	tggcgccctg	cagtagcact	gccttggtc	gtaggatccg	17340
cggcctccct	tcagatat	actaaccat	gaggcacaca	gggcaggagg	tggggcccac	17400
atgttctcta	tccagcccat	atatagctgg	gtaattggtc	aaagggacat	caggcatcgg	17460
tcacacctgt	gtgtcccagt	ctctgggacc	agagcactgg	gttgtaata	tcgtctcggt	17520
atggagggat	ggcgccactca	gccagtcac	aggcagaaga	agaaatgact	gggtatttaa	17580
tcacagcagt	caaaacgccc	tagtgttcct	ggatggtcct	cctgaagaac	aacaacatcc	17640
acagccagaa	acaccccccc	cccagtgtcg	tgtgtagggc	acccatgggc	acgggaagtg	17700
tggggctgag	tgatagggcg	agagaggctg	ggacggtcag	tccccactgc	acaccagccc	17760
gcaattaggc	gtgaataacg	actctgttca	agttgggctt	tattgctttt	ggctccaggc	17820
cttttacaga	aataactgta	actcctgcca	aggaagcctc	tgtcctcagc	tgagaggaaa	17880
gaacaaagaa	cagaggtggg	aatgtctgca	tctgattcta	gttccccgaa	acaccagga	17940
agggcagcag	gcgtggctgc	ccacaggcat	gggtacggt	acagctgtgt	ccactctcgg	18000
ccgtgccagc	caagcagctc	cgcgtgtctt	ccgccatcca	ggctctgtgg	gcttactccg	18060
attacggggc	ctttgccttt	attaacattc	ccatgtgggt	tgggtggggg	gaacttgggt	18120
gccacggcgt	gcatgcagaa	gtcaggtgac	aactttgtgg	agttggttcc	cctaccttcg	18180
tgtgtgttcc	agtgtcagag	tccaggttga	ctgccttctg	tagtgagtgc	ctttgccact	18240
gagacatccc	gccggccctt	tcatgcgcct	ttcctttcct	ctgcttagaa	ggcgtttcac	18300
gagcattgcc	tgcttaggat	acccaaggcc	tgagggttag	tccccagcaa	cgggaaagaa	18360
ggaggggagg	agggaggggg	ggaggggagg	agggaggggg	ggaggggagg	agggaggggg	18420
ggagtttcag	ttctaaccag	cttctcactg	accttttgag	tctcagctca	atgtcacttc	18480
ctccagagg	cctcctctga	ttgactctct	ggcattgccc	cctgacaga	ttccttcaga	18540
gctctcagaa	gagtctgaaa	ctcttcagta	gctcattctc	tgttgttctc	gccagagcac	18600
cagtgtctgg	agccagccct	tctcatagt	ccctgaagca	cccacacaca	gtggctagca	18660
cacacacagt	aggtgctcag	gaaagacctg	gtggcctgga	agatttcctc	acagccctcc	18720
agccaagctg	cagaggggct	tactgtctg	tgggcttaga	atggactgga	ttccctgtgg	18780
cctgtctccc	agatctagtt	ctttgtcctt	tttaacattt	gatttttaat	tacttgtgtg	18840
gatatggggg	ttgtatatgt	gaaggcagcg	cctgcagagg	cattgggtcc	ctcatgagct	18900
gccaataaca	ggtgctggga	actgaactca	aggcttctgg	gagagtgtg	tgtgctctaa	18960
accactgagc	catctttcca	tcccctaggt	ccttcgtctg	tgcccatgtc	ccggactata	19020
gacaaaggct	gctgcaaaca	ggtatctttt	tccaaaaatg	accagacagt	cctgaaagtt	19080
cttgcatggc	aagccttcct	cccagggtca	catccacccc	tgtgtgagat	tttctgagca	19140
tctagactct	tacaaacgag	gaggggagct	ggcaacaaaa	accatggaaa	gaaattaatg	19200
ttttctcgaa	cttcagatat	gaaagctatt	tctgtctttc	ccagacctga	ctaggaaggt	19260
ttgttgtcag	gaaaaggctgg	caagacagcc	tggcatccta	ccatacctat	ggcagaggca	19320

ggcaggtcac	cgctgagtgt	acagaggaaa	tccagacca	gacaggacca	gacagtgaga	19380
cccttcctcc	tctaaaaaac	agaaacaagc	tctaggggtg	cagcctattg	gccgagccct	19440
gcccagcatg	cacagagccc	tggggtccat	cccagcact	gcataagcac	aatgtggtgg	19500
ggtgtggcta	taattctatc	actcaggagg	tgggaaaggg	atggtcgga	gttcaagggtc	19560
acctttgggt	agttcaaggc	gagcctggga	tatgcgagac	tttaccctta	actcacacct	19620
gatcccaacc	cttcttgccc	tccggatcct	gtttatcatg	gctttcactc	tactgagtca	19680
tacaagaaat	tagagatagg	ttaccaggtc	tagagatagg	ttaccagac	ttccttgggc	19740
tctgaggaag	ctctggaatg	ggcatgggg	cagcttatat	cccaatagac	aggtggctct	19800
cactgcccag	caggacaggg	acactgaggt	gacggcctat	gagccatcac	actgtgtgtg	19860
tttgagaagt	gccgcgaggc	ctggtgtgtt	catctatact	gtgtcctcta	gactctccat	19920
ggagaggtga	ggctcatgtc	ctctgccctc	agactaactc	ggctacatca	cacatatcca	19980
gagaatgaag	ggtaagagt	taaagccatt	gaagggaacc	ggcagctccc	ttgttgctgg	20040
gcacccagct	ttggaaccct	ctcttggccc	caccccgagt	ccaccagaaa	caggccgcac	20100
gcaagcttgc	tcagcagtca	gcagataacc	caagtcacag	ctctggagcc	ttgccagcca	20160
tggctacaaa	cagcagagag	caaccgttct	tctgagttct	gacgaaaata	agtgaagctt	20220
actcacggcc	cagaaggctc	ggtggagaaa	ctgaccttaa	aaaagagaga	acaaggggtg	20280
aggtgggggtg	ggctgggctg	gagagatggc	tcagtgggtga	agagcaatga	ctgcttttcc	20340
agaggtccc	agttcaattc	ccagcaatca	cacggtggct	cacaaccatc	tgtaatggga	20400
tctgaagccc	tcttctggtg	tgtctgaaga	cagctccagt	gtactcatag	aaataaagag	20460
agcgagagag	caagagaaca	aggtaggcaa	cagtgatgga	cacctctgca	ggcagaggca	20520
agcagatctc	tgtgagtttg	agaccatcct	ggtctacaga	ggaagttcca	ggacagccag	20580
ggctgttaca	tagagaaacc	ctgtctcgaa	aaaacaaaag	agaggaggac	gggggagggga	20640
gagaggagga	ggaggaggag	agagagaggg	agagagggag	agagagagag	agagagagag	20700
agggagaggg	agagggagag	ggagagggag	agagagagag	agagagagag	agagagagag	20760
agagagagag	aacaactcaa	agctgaagga	gacagaatct	attgagcctg	aaaaaatgga	20820
accgaaaagc	cagccttctt	ttttcaggct	taactggaac	aaggctccta	atgtcattgg	20880
ctcacccact	tcccagaact	ggcctcttcc	agtgtttgct	tccttttcca	ctctgcaggt	20940
ggcaagatag	tgacaagacc	ctttgttttc	gtagaatggg	ctcctcttcc	tgaccagtca	21000
ggccggtgta	cctacgtcct	gattagttag	tcactgatgc	acggggattg	aaggactgct	21060
tggctcaggt	cttgggtctca	tgggtctaact	ttagacctct	gcagctacac	ctaaacattc	21120
tggaccaaag	gcagggagac	agggatgctc	aaatggaagc	aagggtgctga	tgccgagtag	21180
cccagagcca	gcagatggga	cttgacaaca	ttgccggggc	ttggctgtac	ttgccgaggt	21240
tgttagccat	cccacctct	cagctctatg	cagtggatgt	agctacttct	cccactttac	21300
agatggggat	atcgaagccc	taagaaatga	tacaccatca	tatccagtgg	gcagcagagc	21360
tggttccaga	tcacagtgca	ccccactcta	ctccatgttc	cctgctgcct	cgccccacac	21420
accaccact	gtggactgcc	tggctcacca	acaccccgcc	tctgcctgct	ccatggggagc	21480
agggatttgg	gtgtagtttt	cactgggcac	agcagatgta	caggtgtgtg	actgctgggg	21540
tcccacagcc	catcagccat	ctgcttcttt	ggcacattga	cggctctggac	actcggcttc	21600
ccaagattct	acatgtgttg	tttctagcct	ctctctgagc	tccagccggg	agcccgggtc	21660
ttgacgccac	ctcccatcct	gtctgttgtc	ccctcctgg	gatgccactg	gcttctgggtg	21720
tgttgactca	ttagagagtc	agtaccacaa	gggcaggtac	ttggcctccc	tctgtttggt	21780
cacggtactg	agaactgcgc	ctggctcaca	ggccttccag	aacgttctag	agtctccatg	21840
gttttgagc	tggctaccat	cttgctggag	ctctgggacc	actgttca	gttttcttca	21900
tgcctgagtt	acctaccag	aggtctgagc	ctgtgttgat	atcgagcctc	taccctcca	21960
cccccaagcc	cctcagaagg	gtcctctcgt	ccctgtcctg	tttcagggtc	agcttggttc	22020
tcttgtttct	agctggaatc	acagaaaaag	gcaccagagt	gccaggtcc	tggaccttag	22080
aaggggacat	ggggacatgg	ggaactgtcc	catagacccc	agaagctccc	tgtcaagcca	22140
aagagccctc	aagggagcct	gcacctagga	ggcaggagat	gtcagggcta	gccgtctgcc	22200
tggccacatg	ttccctccc	attctgcatt	ctttccctca	gcctaaggcc	acacctcta	22260
ccatttcttc	aagctctccc	tgagctccag	ggcttctctg	gcctttgtat	ctatctgttg	22320
agcacctcaa	acttgatact	tcccacctc	ctccaggcag	tcttccctga	ctgtccctgc	22380

cagcagtttc	tctgtattgt	tcctactcac	taaacctcag	tcctggctat	tgttctgggc	22440
ttctgaatgg	gggttgcaag	aaaagggcct	ggggtcagga	catctgggtg	cacccttgct	22500
tacctctcat	gagcagaagg	cacctacgga	cagagctgtg	gctctctgtc	aaactgtaga	22560
gccgtgagct	gtgagcttac	ttcccagaga	cccgcctcca	ggggcctcca	gagcaccctc	22620
cccttctctc	cctaccagtc	cctcctgtgt	ccccttgaca	agctcaccca	gaggcagata	22680
gcactgacgc	tctgatgtga	cctttcctga	ggaacctctc	gggggacagg	gagtggatgt	22740
ggttgcaagc	ctcattattc	atggcagatt	ttgaacctgt	cctgcctcag	cttcctcacc	22800
tgtgcctctc	agtgtctctg	tatgtgtggc	tacacaggta	acacaggatg	gacgttgagg	22860
aatgcgttgg	gggttatgct	ccctcctgaa	ggacagtcct	gactagtctt	tgattgacta	22920
cgggataaac	cttagtcccc	cccattatta	cccaaactct	ctctgggctc	cattcaatcc	22980
atgagtaaca	acactgcac	atacatacat	gcacacacag	gggggcacag	caccaggac	23040
agggcttctg	aagtctcccc	ggctcctagt	ctctcattgg	tcagacctgg	gtcacatgcc	23100
cacctctggg	ccagtcactg	gagccaaaga	tgagagatgt	tcattggctc	taactgtgtc	23160
cgtggacctt	gctgctgcag	ccacactgag	ccacaagtgg	cctctgggca	cagtggaggg	23220
ctgttactag	gagacagatg	ggagaatatt	ctatgctaca	tcaggaacaa	acctgagcac	23280
ccactgggtg	tggggacaca	ggaagggaga	aaactcactg	acagagatct	gtgccttccg	23340
ggaggtgaca	ttctggcagg	gagattggca	ggtagactaa	caagtggctg	aggtggccag	23400
tgcttcaatc	tcattgtgca	aagctgagat	gtgagcaaag	tctgggtgga	aggggctggg	23460
aagatatccc	aatgagtggc	cagtgc aaag	gtcctggggg	ggagacattc	caggcatata	23520
cagagagaga	atgcaaagaa	gggttgagtc	tagggtgaga	ttgtgaaggg	tcttgtcttt	23580
tgcccttttg	gggactctgt	ggttttaccc	tgggtggggg	agacccttgg	aggcttttca	23640
gtaagaacag	gccttgggtt	ttcttttagtg	gaattctggc	tgcttgggtg	gagaagtggg	23700
accactagg	ggttgtgtca	cccatacctg	gggggtgggg	gggacactcc	tgccacccaaa	23760
taccttactt	catatccagg	tgggtccagt	ctgtggcagg	actctgctcg	cagctcatgg	23820
tatctctgtg	taccccagac	tagtccttcc	tcggctccga	ccccgtcagc	tgcatgggtcc	23880
ttcctgtact	ctctaccctt	cttgtgggac	ttggagacct	ccagaggaaa	acagccattc	23940
caggatatcct	gaatgagacc	ctgaggattc	cccatagcta	actccgtggg	ccaggaatct	24000
ccagccacac	caagacctgc	ccccacgtag	agtggcacat	agatgcagaa	gtgtagcggg	24060
gtcttcacac	tcttgggact	ttaggtgtct	ccagagatac	tttgcaaggc	tgtggggagc	24120
ctttgccaag	tccagtgaga	agagaaaggg	ctagacaggc	tttgaatga	gctgatgagg	24180
gaggcggtgt	gcacagtggg	ggataggatg	ctctgagaca	gacagcacc	ggtccagagg	24240
cattctgtgc	aacgattttg	aatcttctta	ccaagaagga	gaaagcagaa	tgtctcctgt	24300
cgttggtaat	tgattttcttc	tgtgtccaga	gagaagctgg	cacagagcca	gaagtcatca	24360
gggtggggct	tgggggggac	tcataaaaa	tcgacctcac	gatagctcgg	gctgacagat	24420
aattagcccc	tctcatgcc	cagctctgcg	ttgcggaact	cagcctctat	ccggggcagg	24480
aagggtcctc	tgagaccagc	atgcagagcc	agggctggga	ttggagccca	gcagatgaca	24540
tctgcctctg	ccccaccccc	atccctatca	ctgtgatagc	taaagagggt	ccggggagggt	24600
acctgcccac	ctgctgcctt	ttggggcagg	aaagactgcg	gctagaatgg	aagcctctta	24660
agaaccagct	tatagacctg	cttatgggct	tccatcgtgc	cagccaaatc	cagtctgggt	24720
ctgaaccttg	cctgcccaga	acctacagtc	ctgggaaagt	gatttttagcg	atccagatgg	24780
gcatgacgtc	atcactaggc	agttctgcgc	tttagatggg	ctgatagctg	tgaagtgtct	24840
agagggagag	tcacccaggg	ccttacaagc	tgggatcgca	ggagtgtttg	cttacatgag	24900
tcctggctgc	aaagctgcc	ctggaggccc	tgaggagcag	cctgtgggaa	ttccctcggg	24960
actgtcttac	ttctacttct	gggacattca	gtgtatctac	attggtgctt	ctggaggggc	25020
ccttggcctc	ttgataagtg	tacttttggg	gggatgacct	taatttggag	tagttcaggg	25080
gccagcacca	tggtgaggga	atctctctgt	tcatgcgagc	ctcctgttcc	ctccagactg	25140
ggtggcagtg	tgcattggtt	tctggcatcg	gctggtatcc	tcactcagga	gaacagtgtt	25200
tgaaagggcc	ctcctgcagt	gcacagggag	gccgcagct	ttcttttagct	ccatgggagc	25260
cactctacac	cctcacactg	gggaaaagag	gttcccaatt	cagagtgtgt	atttgtttgt	25320
ttatttatcg	tggtggtaga	tgctgtgact	ccgacaggct	tcaagcttgt	aagtctcctg	25380
tctcagcttc	cggagcgctg	tgatggcatt	gttacctcac	ctgccattta	aaatgtgtct	25440

gaagatgtcg	tggattaagg	tgacgcccag	ttgtgggctt	gcctagcttg	tgcctaccct	25500
gagtttgatc	cctggcatag	cataagccat	ggtggtgcac	ccctgtaatc	tcagtaccca	25560
atagtggagg	tgaggtcatt	cccggctaca	tggcaagttc	aaggccacac	tgagagcttg	25620
tccccaaaac	aacagaaaag	agtgggttaa	gcaaggaaaag	ggataggaag	gtgacaggaa	25680
tggggactgt	ggcgttggat	tgaagaagtt	gggggacaga	gttggggcca	ggagagacac	25740
caggcagtca	ggagggcaag	gttcaggtgc	tccctgtagt	cctctctggg	tgcctatggg	25800
gacggtgagt	ctgtcttctt	ggctgtcttg	ggtagatgag	gagagcccat	aggggggtggg	25860
agggtcatgg	aaggggctgt	ggaaacccct	gcaggagggg	gatcactgcc	tccagagagc	25920
attcacactg	cagtgggaaa	gctctgctcc	cacctctggg	cgacgtgttt	gatctctcat	25980
gcccagctgt	ctgcagggga	aactgaggca	cggtggtttt	aaatgaccag	accaggaact	26040
caaaagtctg	tgttttttagc	tgtcatgcag	ggtggatcag	gggaggccac	cacattggct	26100
ctctgtggtg	gtagatgagg	gttttaacat	ggcaggaggc	caaggcggcc	agtgtcgacc	26160
ctcaaggacg	ccaccctcag	tgagcaggcc	aggtttccct	tcttagtgtg	tcctcagtgg	26220
cctggtgcca	tgactccctt	cccagatctc	tgtggagaca	ctgaggcagg	cactgggaat	26280
cactcacagt	ctttgcccc	caaaacaacc	cctctcgggg	tgggggtggg	gggggagagg	26340
caaagtgtca	aggacactct	gtcaacctgt	cacagcgctt	ggtttggaac	tgggtactca	26400
ccgtgcagtg	ggagaggtga	ccacagacat	agaggacaga	aaggctccac	cagcaacaaa	26460
gagggatgca	gactctgggg	ccctcagagg	gcaggggcca	ttgctaccct	ggagcaaggg	26520
acaagaggag	gaagcaatcc	acgtggcccc	agcagacctg	tggtctacaga	tggggagcta	26580
ctgggggggag	ggcagggcga	aggaggaaaa	atagccgagc	tctcagatgg	cttccagagg	26640
tggatgcagg	ctctgctccc	tgtggagaga	tcaagagagt	gaacagcacc	cacccagacc	26700
gtccctggtg	cctctcta	gatgccacca	tgatggctga	ctcctccttg	ggggccctc	26760
tggagaagca	tgtgggtgcc	ctaggtctct	gagttgtgta	gacttttaggt	acggcatggc	26820
cctctagaac	ctagcctccc	tccctctgca	gaattcagag	tttcttccaa	tctccacccc	26880
tctagttacc	tagtcatttg	catcaggcac	tgcccaagga	gcagggggacc	tagctgtgac	26940
caacacaggc	ctcatctctg	cccctcatgg	gacatcctcc	atctgccctg	aggaaaagaa	27000
cacccctggg	catttttacag	ccctggggcg	agtgcacatg	tgacaacagc	aggccacaca	27060
accccatggg	ggccctgggt	agggctctga	ggtggtggct	agcatccctt	tcccatacct	27120
ccatagtcaa	cagggcagac	agacaccttc	aaggtcatag	ttatgggtgat	gtgtcctgac	27180
tcaatggcac	atagtcctcc	cttctccgcc	ccccccaccc	cccagcgaga	ggtggctgag	27240
ccgtgtctcg	gggaccatat	cccacctccc	ttacccacct	ttgctggaga	tacagtctgc	27300
ctgcggtcaa	ggatgacaga	gagaggctag	cgtggaatgc	tctctctgta	gtcatcttgt	27360
ttactccgca	aggtcaatct	gatgggaacc	cttgtgcca	actgtggtat	caggggatga	27420
gggccaacca	tccacggcct	tgttaaaaagt	aattagcttg	gccatgggga	aactgggggt	27480
ctcctgatgt	ttgtgaggac	aacaaccccc	aaggggtggg	tctgagccaa	gaacctgtga	27540
acatacagcc	caaagcaccc	aggaacccaa	gccttctgct	gctggagctg	gaagggaagg	27600
ggcaagcagg	ggtgctgggt	gcttgtcctt	tgctgtgtct	gggtaggtgg	gtacacagag	27660
ctcttgtctg	ttaaggggtt	ctttactatg	cttcagggca	gttcctgtga	acagttctgc	27720
tgccaatctg	cccctgagac	aatttctcta	gcttagccgg	ccctgtgttc	atgccatctt	27780
agacagcggg	gaaggctctt	cttgcccaca	ctgagccttc	cttgtgtgag	gcagcatgca	27840
agcccagcgg	ggcaactgtg	gtgtcagtac	taactctcac	ctacccctct	catccttcag	27900
atcctgaggg	aagaggggaa	ggaatcccat	cctcacgaca	ccacctcggc	ctctgcatcc	27960
aggaagaagc	aaaggaccag	caagccacgc	caatggcacc	ccctggcctg	ccactatggc	28020
tgtgtgccac	cgctctcctc	tccctgctgg	ctggcagctc	ggccttcctc	tcccatcccc	28080
gcctgaaggg	acgcttccag	agggaccgca	ggaacatccg	gcccacacatc	atcttgggtgc	28140
ttacggatga	ccaggatgtg	gagctgggta	agtggctgag	ctagccggggg	acacctgggg	28200
ctctagaaga	acatgtctcc	cacaccccc	tagaaactcc	aggtgccagg	cagttgtgtg	28260
gagtttgcac	ctgagttcac	acttgggggc	cttgagaatg	tgggttcgtg	gtgacctca	28320
agggtaggga	tctccatctt	cccaatgcag	actgattccc	caatgcctac	aacctaaagga	28380
gcagagagac	tgtgtcagtc	ttgtctctgt	caaccatttg	ctctcccaag	ccactggggc	28440
atggccttgg	ctgacagcta	agccatcccc	tgtcccttcc	catctgagca	atgccacggc	28500

ttttgctctt	tctgctacaa	gaagcactgg	taggagacgc	caaaacggag	gccaccaaaa	28560
gaggcttcaa	gagtcaatct	aatgcccggc	gtgggtggcg	atgcctttta	tcccagcact	28620
cgggaggcag	aggcaggcag	atttctgagt	ttgaggccag	cctgggtctac	aaagtgagtt	28680
ccaggacagc	caggactgca	gagaaaccct	gtctcgagaa	aaaaaaaaaa	aaaaagaatc	28740
aatctagatc	tgttctggat	cacctgtggg	catctcccag	tgagccccat	ctctccctct	28800
ccgtgtcttc	tcaccttgaa	gtcaacgtat	gggttccctc	ccagctgagc	ccctcgctct	28860
tgctgcccc	tgggaacact	cgaccctctg	tatcctcagt	tctccatttg	cagattcaac	28920
caaacacaga	tcaaaaccaa	agagtacgga	tgggcattcc	cactaatcat	tagtccctga	28980
gcagtaccgt	aagacctagc	tccctgtgtc	acggtcactc	agagcgaata	agggggatac	29040
aggctattag	caaagagcac	ggcagttaat	acgggagcct	gaacatcatc	agggcctgat	29100
tccccagcac	cgagggacaa	ctgtgcaatc	tgagccacaa	atgcaagtga	ctagagatgt	29160
ggcttagttg	gtagagcact	tgcttgccat	ttgcaaagcc	ctgcattctg	tctccaccca	29220
gcactataaa	caccaggcga	catggaagtg	tgagcccagc	actagggagg	tggaggcaaa	29280
cagatcaaaa	gtacctgact	acgcagctag	tgggaggcca	gcttgggcta	catgagatcc	29340
agaaattaaa	aaaaaaaaaa	tgtaaaatga	aatgagtgcg	gtaatatattt	gtttaaccca	29400
atatgcaatc	acctgaagcg	tggtcagcag	cgtggattcc	ttaagaatgc	tttgcccttc	29460
cttcccttgc	ccccaaagagc	tggcatgccg	tatcccaggc	tgcacagcca	catggagctt	29520
gggaccttca	taaggcacag	tgtgcacggg	aatgcagctt	ccttctgcaa	gttaggtgcc	29580
cctcctaate	atctctccta	ctgtgcaactg	tgaaaatctg	gaagcgggtg	tcccaggtag	29640
gggagaagag	aatgtgcaaa	ggccctgggg	caggatcaaa	gaagtagata	tggctggagc	29700
ctggaaaggg	aggtaaaacg	gagaccagcg	aaggatgggg	ttgtggttgt	tattcctgac	29760
caggtggacg	ctgttgacca	ggtgaggggt	gggccctttc	ctgtctgtct	tctgaggaca	29820
atggaatata	gttgggtggca	atgacagagt	gacttacagg	gcagatcttt	gcaacttgag	29880
tctatgcttt	aactacccaa	aagccagcct	tgacccagtg	ggtactgatg	accccaagct	29940
cagggaaattc	taagtacaga	aacaatggcc	cagaagcagg	cagggctcag	agctttatcg	30000
acagcttgac	atgcaggggtg	ctgatctgct	catgggggaag	gagggatctg	tggggagtct	30060
gcattgtgtg	gcctaggaac	acgggtgatt	tgtatgcagc	agggcctggc	ctctgggccc	30120
ttgggtctcc	ttcctgtgac	tgccaagctg	ttggctctgg	tggtcaggac	acccaaaaca	30180
gcccacatgg	ctccacgggtc	cagcagcaaa	gtttaatgag	aatagtaggt	gtttgttctg	30240
ccaggtgctg	ggggctgctg	gcaggggtggg	gtgggggata	ctgtgctggc	aaagggatac	30300
aatattgata	aaccacgagc	catgtggccc	cagtgaaggg	gcagagggat	attgggttgg	30360
gatttttgtt	gttgtcgtcg	tctttggttt	tgttttgaaa	taaggctctg	ctatagagca	30420
gaggttggee	tcgaactcaa	gacccctcct	cctcagccac	ttgagtgtta	gggagacagg	30480
catgagccgc	cacatgcacc	ttcagtgtca	ttcttagtga	aacaggtcag	gagggagtgt	30540
gtggcctcac	ttgagttccc	gagggacccc	actgctatgc	tgatgacatc	agggacaaga	30600
gcaggagcag	agggctcgaga	tgtgttaagga	tgaaggctca	gagcaagctg	tgtataacctg	30660
gatgcacgga	tgcaggacct	gacccagcat	caactacatg	ctgactttca	ggacaatgcc	30720
cttgctaagc	ccgaatcgca	tcacaacatt	gaagctgact	cttatcaaaa	ccagtgtgaag	30780
caaacaaatc	aggaacccat	ggatgaaata	aagagggggag	agagaatgaa	ccatggctga	30840
ctgtaagtag	atacattcat	ccctctctcc	atcttaccaa	tggagaaaagt	gaggcacaga	30900
ggtgttaaac	tacatgtcca	ggttgaaaca	ggatttgaac	ctagaacccat	gaccttcgtc	30960
actgctgtgc	tcagcccatt	tctgggatgg	atgatggcct	atctagagag	tgtccatggt	31020
gatgcttcac	tgtcgcaagt	actgtcatca	gcagaatctg	catatgtgcg	tcattgtctca	31080
cgagagttag	tattctgaaa	tgtaaatttc	agggagccag	tcattcgaga	caaggacttg	31140
catattctgt	gctgtgacag	ctcctgcccc	catccctggg	tgacagagat	tggtgcccac	31200
caaccgttac	ctcctcgagt	gtcttgttgt	gtcctaagca	aacaaaactg	agcctctgtg	31260
aggaggggtg	gacgggaagt	aggtagtgtg	gggcctgact	ggctttttat	aaaccagaca	31320
gaccagatc	aataatgcat	gcgccccaaa	agcccggcac	attatctcac	agttggccac	31380
cactggcaaa	ccgaggggtg	tcctgaaaaa	ttcatcggtc	gctattttct	gcttgtctgt	31440
gaggcagctc	cagagggcct	ctggctggag	gcctctcaac	agagctaate	ttgggtttcc	31500
ttccagtccc	aggtggggac	agctgtccac	actcatcagg	accagtgag	aagggtcaa	31560

tctatctcat	ggttggtggt	tgtggtcgtc	tgtccttttc	gttgacctg	cagttccctg	31620
gttgatctt	ggaatcgtt	ggtgctgggt	tcccagagca	ctagtgcactg	agcacctggg	31680
ttgtctgtcc	acttgccag	agtgcaggaca	tctctaaaaa	tacacaggaa	cactagcaga	31740
acagcagcat	gggcttatgt	gtgacaccac	agtcctgtca	caacgctgcg	ctgtgccag	31800
ggaagccaag	gaaatgctgg	gttctgccag	cactgaccaa	gttaagtgga	tgcaggccaa	31860
cttcagggca	tctccagagc	tcagctggct	tctgagagag	cccagggaga	gtcacacata	31920
gcctggagca	gatctattag	ataggattgt	tccatcataa	gtgttaaagg	tcagctatgt	31980
ggcactgtca	gatgggccat	taagggtggtg	tggggacagg	tatctcatca	gctatgacag	32040
ctcatgaatg	aaccacaggca	tggttgtata	tgtctgtcac	cccagcactc	aggaggtaga	32100
ggcaagagga	tcacaagttc	caggccaacc	tggaagataa	tgagactgtc	tcaaaaagaa	32160
aacaaaatca	gacaagcata	ggtctcgcc	ctcctggtta	caagtgcactt	cttgtaactc	32220
agcccaagca	atgctggatg	aactggaacc	agcaacttac	tggggattga	aatgagaagt	32280
tcaagcgtac	ttggagtttc	aggtgcgttt	agatccttct	gctcacccggg	gaccaagccc	32340
gagtcgcat	ccgaccaaga	ggcaccatcc	cagcttccgt	gtgtctcgcc	gtccccgggt	32400
ctgtctctct	gtctctccat	cctcgcttca	ggccggggcc	cagcccagaga	gacattggcc	32460
cggcccgctg	atcctccctg	cctaccccg	tgtctctgtc	tccctccctc	tgtcccaagg	32520
cctcctccag	atgtcacccg	tctctgtgtg	acctcatctc	taccttcttc	caagctggct	32580
ctgccttcag	acagcttgct	aagcacttct	gtataaaggc	cagtgcagcc	agcagggccca	32640
ttagacagcc	cagaaatctc	tagcctggga	ttgaggtgag	ctgggcagggt	ttccctcaag	32700
ggaaactgga	cattggctct	ggaggacaca	agcagccggg	actgttaagt	taggggggtgt	32760
tcagcgtttc	cccacacatc	tgctgcagga	tgatgaacca	tgcgaccctc	acttgctccg	32820
tcactctcat	tcactgagca	cttgttctta	gagaagggtta	actagcaaca	aagtaacaaa	32880
ctagacagaa	tcttgactga	tgtgcaaaga	gcaacaaagt	aacagaatct	ttactgcagc	32940
gctgggcgtc	tagcacagct	gtgtgtcaat	aaccaagaca	aaacacacaa	actaaaagct	33000
gggcagtggc	ggtccacacc	tgtaatccca	gcacttgca	acggaggcag	gaagatctct	33060
gcgttccgag	atagcctggg	ctacagagtc	acttctagga	ccgctgagc	tacacagaga	33120
aaccctgtct	cggaaaatca	aaacaagaag	aaggaggagg	aggagaggaa	aaaaaaaaact	33180
gcatatgaca	gggaagggtg	tgagaaagga	tcagaagtca	agcaaaggag	gaagggagtt	33240
gtgggggtg	ggaggtcgtg	tgaaacttta	tccataatga	tctcattgat	aaaggggaca	33300
caggatcaag	aaaggccagg	gaacttatta	acaggaattc	taggaagcac	attcaagcag	33360
cagtaatagt	tggtgcaaag	ggccagaggc	atgcaggctg	acagagtggc	agcactgtga	33420
cccagggcac	agaaaatggg	aagtctgagg	cgtgctgatg	gtgatgttca	tcagtgtagg	33480
gcttgaggct	gaaccaggga	gaggacttga	ctttctgggg	agggtggatg	tcaggcatac	33540
atgggtcaga	gaagggaaac	agtctgactt	ccatttca	aggtggagaa	gaggctgact	33600
gtacagtgag	gcagggtgcg	agtctacagc	tgtccaggca	caagaggagc	ccagccagtg	33660
ctctattgca	gtggtgcagg	ctcagaggca	aagctggaaa	gatgggcaga	taggtcacaa	33720
gtaagacctg	tggagaacat	ctccaggggc	tgcaaagctg	tgggggaaag	gtgatgggggt	33780
tgtcagtg	ccccaggga	ggagccactc	cacagacagc	catggtggag	tctgaagctg	33840
agggtgagcc	ttgatttctg	aggttcaggc	atgtagtggg	gacagtggga	caaggtacag	33900
ctctaggct	ttgtgcacct	tactgggtac	acttactgga	cactgaggcc	ttcaggaccc	33960
cagctctgac	gtccacatcc	tgcgcaaagc	agaccggga	aaggagaacc	cggcagcccc	34020
attttccacg	ttccatctgg	cagatgagga	gactacactc	ccctgctgac	cggtaaccaa	34080
gggatgggtt	ggaaaccctc	ggctctcacg	ggggccagat	ggcaggcagc	tagggagatg	34140
caccagatt	ccaggcagca	gttcaggggc	gcttcatcca	ccgacatcca	ttctgaacat	34200
tccagctgcc	actcaccagc	gaaatgaagg	cgtgtggatg	caggttatct	caggagtggc	34260
ccatcctggg	ttcaaactgc	caagtgcatt	cctgcgaggg	ttttctagtt	ttattcgtcg	34320
acaaggggtg	tgaggggcag	gttcgtctga	attctagaaa	gtgtgtcaga	attaggcttg	34380
gctgcttggg	aaaatgaaac	ctagcattgc	ttcttcgaca	cataaaaatg	tctggggccg	34440
gtggccaga	attggagtgg	tagtgtcaag	atgtctctag	ctttctactc	tgtcatccct	34500
tctgtgtcac	atctgtcctc	gaggccacct	tgtgcttcag	aactgccacg	tacttgcaa	34560
caggaagcaa	aggtcaaaag	qcaaaaaaag	gataaaacag	taaataagaa	gcagccctg	34620

aggaccacgc	cccagcagtc	acgtgggatg	tgggcattct	tacatagtca	cgtgatcttg	34680
ggtttggcca	agtcacagag	ggtttagcgt	ctttgctagg	ggtgaacggg	cttgaagaaa	34740
gcatacaggg	aggctgctgt	gccctcaggt	tagttactgg	aacccggatg	cagagccacc	34800
cgacactgtc	ataccctctg	cccacacaca	gagaggaagg	agggggaatt	cagatacaag	34860
cctcaatttc	cttctctgat	cttctgccag	gacctcctgt	gagccaaaac	cagtgggtgc	34920
aggagtttgt	tggtgctggc	cactctctga	ggataaagggt	gctgagggtca	aatgtgattg	34980
ctggtgtcat	acttactagt	cacaagaggg	tcggttgtgg	gctaggtgca	ctgtgagaca	35040
gaagcggggac	ccactgagaa	ggaagcaagg	gaagcaggtg	ttggtgggca	gaaaaggata	35100
aaacagccac	aacagggtac	acaagggacc	tggtggggac	aggacctcta	gcactgagtg	35160
gtgtggtggg	atctgtgtct	tgggggcagg	gcggcagatg	cagagccctg	tagtaggcac	35220
agtctcttca	ggatcttgga	gatgtcgccc	aggctcagga	agaagggtag	atggcagggg	35280
gattagaggga	cccaggcgag	cctaactgtg	agtagggagg	ggctggcttg	aggatgaggg	35340
tgtgaggcag	ggagaccagc	tggggatggg	ggcggggggg	ggggggggct	ggtgtctctg	35400
agcaggcagc	tgagggagaa	cagcagtgga	cccagctct	ccaactgggt	aggcagtgca	35460
ttgtgccagg	cagatgggtgc	agaaccaatc	acagtgtctt	agctaggctt	atctctcact	35520
gtgctaataa	aacactatga	ccgaacccaa	cttgagaggy	ggaaagttta	cctcatctta	35580
cagttttag	ttcatcatcc	ctgggagctg	gggcaggaaac	tggagcagag	gtcatggaga	35640
accacactta	ctggcttggt	cccatggctt	gcccagcctg	gagccttata	ggaatcagga	35700
ccaccacctta	agaatggtac	caccacagc	gggctgggcc	ctcccatatt	aatcatcaat	35760
caataaaatg	ccccacaggc	ttgcctacag	gccaatctgg	tgagggcact	ttctcaattg	35820
atgtaccatc	tttccaatta	acccaactt	gtgtcagttg	acaaaaaaac	cagccagcca	35880
cagataggat	gcaggctttg	ctttgcaggt	gtctctttta	gtgactgggt	aactggctct	35940
gtgacattcc	ccaaaacctg	ggccaacacc	aacaatccct	atgtccttaa	atacttacct	36000
ggtgtggcaa	gattgctgtg	tgtgcaatct	tgagcaggcc	ctccctcaga	gagtggggac	36060
caatcgttca	gagttcccc	tttgataccc	tgccactgag	agagaacatt	gggcttttct	36120
cccagaagcc	tccacagcag	agccaacaga	tgacaaagga	gagatcgaca	gaatacctgt	36180
gaagtttcat	cccagaattc	agcagctgag	tttagtgtgg	cctcctggca	tctctctgcc	36240
tgattgactt	gggggtttgt	agcaccagct	tgacttttga	gttcccacga	gtgagaaggg	36300
ttccccttga	caccatcaac	caggaaacca	tacctgagat	cttgcaatat	tcacctggcc	36360
tctgagaacc	tggagctgac	agcatctagt	gcaccatgaa	cctctcagct	cttgcccaga	36420
tgttgcttct	ggctgcgcgt	gctttaacca	ccccaccac	cacccccacg	gcctccctct	36480
cactccctgc	cagggacaga	gctattctga	aacatctcat	ctcccaaagt	gactgttaag	36540
cagatgtttc	tcgggtaacg	tggcctatag	gagggtcccc	tttcaatgta	gacattctgg	36600
agacactcaa	cactaggtga	gggctgccac	gtgaccatca	caagcaatgt	gacctcagga	36660
tggagggctt	cttgctcttg	gcctgagctt	atggcctctt	gtcccatctg	catactgggg	36720
tctttgactg	ctgcagaatg	gtccctcctg	catctgctta	ttggtacctt	tcggcagaag	36780
tagaaccagt	caggcggtag	gtgcatgtct	tggctcttct	atccgctgcc	agccctgttc	36840
caggccatgg	ctgcacaggg	aatgtcgggt	gggtggctgg	gtggctcctg	gggagggggg	36900
tctatcagtt	cccatgggcc	catcaagaaa	gttagccatt	cattcaattt	tctcaccact	36960
ccagcagtgt	ctcctggctg	aggtggtgct	gggttttgaa	catgctgggc	tcagtgtctc	37020
atcactacac	cacatcgcta	gctctgcatt	ggtcgattgg	ttggcttggt	tttgaaacaa	37080
agtctctgta	acttgccgtg	caactaagga	tggctgaact	cctgatcttc	ctacctccac	37140
ccccatcacg	aacactccta	acaccaccac	cacaaccact	accggcacca	ccctcacaca	37200
ttcgagcaca	cacacacaca	cacacacaca	cacacacaca	cgcataatgca	catacacaca	37260
cacacacaca	atcgccgaga	ttacaggcac	atgtcaccac	ctctgtcttt	tttatgtgggt	37320
actgggaatg	gagctcagat	cctcacgctg	gcgtggctgg	cgttttacc	actgagccac	37380
cacggcagcc	cctggaaccc	tgatcaactc	actgtagtcc	tcttcatgat	tgggaaggaaa	37440
catttccagt	taagggtatt	aatgtattca	ccttcattcc	cacatggccg	cccagccaca	37500
gtgcttagca	cttgttacag	aggcaagagc	ccacagtgtc	caaaagtcaa	gtgctctaga	37560
agcctctatg	acatcccagg	aaaacgtcct	gtttttccaa	ataccggttg	ggagccaggt	37620
tcctctgaca	ctaagaagac	atgactaaga	ctctgggtggt	ctgactgtgg	cottcaactg	37680



tgactgcctt	gtgttattca	caagcgctc	cgtctccaca	gagaggcctg	ggtccttgcc	37740
caaaggctct	cactggaaca	gcctgtgctg	ggttatctgt	gcctaagata	aaagcagaga	37800
gggaaggcca	tgggcattcc	caggaggcca	ggggccacac	ccactgacag	cctgtgtgct	37860
cagtcctctg	aaacagctct	tggaaacttt	gaaggaactc	aaagcgaaga	taacccttcc	37920
tcccagatca	tggagataag	tgaaggatac	agtgatcttc	aggccacca	gcaggagcct	37980
ccaaggagat	actgtttgga	aaaacctgaa	tgttatgaag	gttggagcta	tggcagctgg	38040
tcctgagaca	gggacgtgcc	tggcacgttt	ccactgtggc	tagaaggcta	gccccagagg	38100
gaaagggtgg	attatcagga	caatactttc	caggtccttt	acggttctat	cagccaaagg	38160
tggatgcctt	agttaccgtt	tctatcactg	caacaaaaca	ccaagactga	aaagcaagct	38220
ggggggaaag	ggtttattca	gcttacactt	tcacattggt	gttcatcacc	aaaagaagtc	38280
aggacaggaa	cctgggtggca	ggagctgatg	cagaggccat	ggggtgggtg	tgctcctcat	38340
ggcttgctca	gcctgctttc	ttatagaact	caggaccacc	agcccaggga	tggctccacc	38400
cacagtgaac	ccccccccc	cccacacaca	cacactgatc	actcattgag	aaaatgcctg	38460
acagctcgat	ctcatggagg	catttctca	gctgaggcgc	cttctctct	gcctctagct	38520
tgtgccaaag	tgatgcaaaa	ccagccagta	cagtggactt	tgctttttgc	tctgggtgaa	38580
gcagggtgtt	agggagagt	ccagaaggat	tgtgacgaca	ttgcttaatt	tgtagaaat	38640
tgctctccgt	ctgtggagg	aagagcagca	cagaagggtga	cgtaagcgtc	tactgcagta	38700
gtccaggcaa	gagctgggt	gctcacatgc	agattagcgt	caagactctg	aggttactaa	38760
ctcggttgt	gtttgtcccc	cataacaatc	tacctcccac	cactttccca	aggaggcccc	38820
acctcaaag	actctgtttc	cccacaatgt	aaaacaagca	agcataggcc	ggcatcgtct	38880
tagatacctg	tccaaagagc	ctcgggagtc	gattgcacgg	aggtgggtga	cacccccacc	38940
caacctggg	tagcaagtct	ctggagaagg	gatcagtaaa	gagttgcttc	agcaccaagg	39000
atggcaaaa	tcgttcatgt	tttcaatcct	cagagcccct	gggctggaaa	gatggctcag	39060
ttgttaaaa	tgctcatagc	acaggcctga	agacccgagc	tccatcccca	atgcccacag	39120
aaaagccagg	aagtgtctga	gaggcagagg	cccactggcc	ccctagtctt	ctcacactgg	39180
caagccctgg	gttccatcag	agaccccatc	tcaaaggaca	agttaggaag	cagctaagga	39240
cacccaaatg	taagctgatg	gctttcctat	acaggtagac	ccacctgtac	gcataccac	39300
atgtgtataa	aaggaaggaa	gtcattctgc	agtatctgct	aagtccccgt	agatggctgg	39360
tgctactca	ggcttttaca	ggagcaaatg	aaactggggc	tcggtgcaga	tttcttgtct	39420
agaatgttca	aaggcccgcg	ttcaatcaac	tactctgtaa	aaataaacac	aagctaattc	39480
agcatgggtg	tgccagagac	agacaatctc	acatgctaga	tcaacaaaca	cagactttta	39540
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gcgcgcacgc	39600
gaacttgctt	catagctgag	gggtgtattt	gacctcctct	cctccgcctc	tcaatgctga	39660
gattacaggc	agatgccag	aggacaaaca	gggcttttcc	aatgcttagt	actccaccga	39720
cggatctcca	gccagccca	gtagtaaacc	tcggctctac	tgcttgcaaa	ttcattgtac	39780
aatgcatcaa	aaaataggca	gtgagagtgt	tccataatgt	tacttccgtg	gatcagagag	39840
tgaagggttt	catcagataa	aggcccaccc	agccagccag	ccaggggagat	agctcagttg	39900
gtcaagtacc	taccatacag	catgggggtg	gaacctcaga	tccccaacac	ccgagtgaag	39960
aatgcgtatg	tggcacactt	atgcctacct	gtaacctggg	ttcaggagga	gggaattggg	40020
ggaggggagc	agagacaaca	gactctgcat	tgctcagttg	tcacagtttt	tggccagtca	40080
gtgggtctct	agttcaatga	aaggtccagt	ctgaaatggt	aaggtgggga	gcaattgaag	40140
gaaacaccag	ccattcatct	caggcttcca	catgcctaag	tgcccacaca	tgcatgcgta	40200
cacacacaca	cacgtgcaca	cacacataca	cacacaaatc	acacaagtag	tgtgctaagc	40260
accctatgt	agaattcaca	agaagaatga	gcagttagtg	attgtaggga	tatttgacag	40320
tcagggggtt	ggggtcctga	agtttaagtc	ccactgtgaa	ggaggggaga	ctgccccatca	40380
gaatcacacc	aagagatgtc	aggctaacct	cacctgtggc	ctgtgtttgt	gcaaggtttg	40440
gtcaaggaag	aaaccaagcc	tgtttttgtc	tatatgtccc	cagattttgt	ttggacgacc	40500
taagtttggg	ttggctggcc	gcttcacagg	aaacatgaaa	gctggcccct	ttccctgtgt	40560
gtggctatgt	cttctgtggc	aagggccatt	agtcctggga	gcccttaggt	tgtgtgtttt	40620
cacattacag	aagtgggttc	tacagcctga	tggtggggcc	ttttcaataa	agtagatcac	40680
tgtctgcaaa	ggaggcacia	tgttcagttc	ttttccatgc	aacccagct	gtcattcttt	40740

ccccagaacc	atactcctga	gacttgctg	ccgtagctct	tccccagtag	gagctgccag	40800
gcagggagag	ggcatggtgc	tgccaagaga	aaagatggaa	ccctgagctt	tcagccccc	40860
aacataagag	acggccccc	agcctatcgg	ttttccatca	atgaagattt	ctgggggttct	40920
ttcctgagct	tccagaaggg	gtctgatggt	taatggaacc	agctcgggtc	cccagaggct	40980
gggcacctgc	agacagctgt	tctgttctct	ctctggagggt	ctgtgaacca	tggagggcct	41040
cttccaccca	tagcacaagg	gatccatgta	aggaaaataa	tggaggagaa	aaatactatg	41100
aggtggggccc	cagagcagca	gaactacaga	cgggggcagg	taggatggat	ggagggagg	41160
tgggagacag	ccacgtagg	ctacaagccc	aaaccaagga	agatagatgt	atggaacagt	41220
ggggccaggga	agagaacaca	tagccaggat	ggtgcctctg	ggaacctttg	gaagagctgg	41280
tgtgtgtgtg	tgtgtgtgtg	ctgcatgggt	gctgggaacc	atattcacac	agagagaaaa	41340
gcgggactgg	ggttgtagt	gagttgagg	acaaagtgga	ggtcctgtgg	ctgtgtaatg	41400
gtagaggagg	tgtagcagt	ggagggtgct	gactacaccc	ctgggtgtgt	cacccaagt	41460
agaaatagac	ctagcccttg	ggagaggagc	tattgcctgc	ccaaaaggag	ttggcaaggt	41520
ctgatggtct	atgaatgcag	aaagcagtg	actggctcac	cggatggtac	agcatttcaa	41580
atgccggccc	caggaatagc	caggcgttgt	ctgaatagct	gaagggaaga	gaagcttgac	41640
tctgatgtgg	cccaccaggt	atcagtagag	aggcagggtg	catcaagggt	ggaaaattct	41700
ggcttgcatc	atgggtgttg	ccagactcta	ggattctgtc	ccctccccag	ttctaatac	41760
aaccccactc	ctaaccacc	cagacagaac	cacactatag	taaccgggtc	ttcctacccc	41820
caggagaagc	tgacacttgc	ttcaagtaga	ggaagccagt	taggatcacc	ggccctcacc	41880
actccatgaa	ctgtccctgt	gtgtgaacag	gcatggacat	cacattcccc	tggagccacc	41940
caaaggggca	cctctgggaa	ttggaggcac	ctcacagcac	cccatcaatg	tcataataag	42000
agaatacgtc	tgagctgggc	gtggtggcgc	acgccttta	tcccagcact	tgggaggcag	42060
aggcaggcag	atttctgagt	tccaggccag	cctgggtctac	acagtgagtt	ccaggacacc	42120
cagggtctata	cagagaaact	ctgtctcaaa	aaacaaaaaa	aaaaacaaaa	aaagagaata	42180
cgtctgtccc	caagggggccc	aagagtcatt	caaaggcaca	gggatgctca	gcttccccag	42240
gacaccatca	ccaggccttg	gtgaagggtga	cagtcaactgc	cctgcttctg	ctgtggataa	42300
gcctgggtct	gagctcttca	tctgccacct	tccccactgt	gtggccccat	ccatcaccaa	42360
gtgccccagc	cgcgcttccc	attcagaaaa	ggacacttgg	aaaaataact	ttgcatgtcg	42420
tgtatataga	gcaattgacc	cacgtgttag	taattagaac	aattgtgagc	attgctctcc	42480
accccaggga	caaccagtg	gtcccaaagc	tcagaccaat	tagcgggctg	taacacagag	42540
acttccaggc	agggcctggt	ggatacatgt	gatctaggag	gtaacgctga	catccactgc	42600
agactatgct	gtggtatggt	gctcagcaaa	cctcagagaa	cccaatatgt	tcaagctaaa	42660
agtcagagct	taaaacctta	ccatgcaccg	agcgtggcgg	ctcacgcctt	taatccccag	42720
actcaggagt	tccaggccag	cctgacttgg	ctggatatag	tggcagtcaa	ggatgaaccc	42780
tcaatgcttg	gtgtgggtaa	agggcctatc	acagtcattt	agggggatca	gaagcccagg	42840
agctgaagg	ccagcatatg	gagggctctg	aagctgttta	tatacagctc	tgttttttat	42900
gtccaggagc	tctgtttatg	tacaaaacat	ggtttgaatc	tagactcaag	gtacttcaaa	42960
gtaggtttgt	acccagtaca	actgtctagg	gggactgaga	ccagggcctt	tctggttggg	43020
ttggcttggg	agcagggtct	ggcccatgca	agcccatgga	tttccctaagg	atctggggag	43080
tccaggagat	ggagagccca	ggatataaag	ggtctaggag	ctaaagaggc	acaagagctg	43140
gaagtccagg	agctcttagg	cagatagggt	agctttaagg	gtagcgagat	atagacttca	43200
aatgcataca	ggaggcacc	tagatgaggc	tacaagtgt	gagagactgg	ctggggcttg	43260
gctagactag	acttcagttc	agtggataat	tcttgggaaa	cttctaaca	aaacgaaacc	43320
taattctatc	tgcatttgtg	actgcttta	aaaaatctgt	gtatattagc	actctgaaga	43380
aaagacaccc	tgtttatgta	caaaatagg	tttgagtcag	actcaaggta	cttcaaagca	43440
ggtttgtacc	caacgccact	gtctagtggc	actgagacca	gggccttcc	ggttgggttg	43500
tgggtgagga	gtatggccca	tgtaaaccct	tggatttcct	aagcttgccc	acagttccag	43560
gctcaggatt	ggaagccct	taaagagctc	ccccgcccc	ccccaaagcag	gccacatgac	43620
tcaccagtac	cctctgcttg	caggctccat	gcaagtgatg	aacaagacaa	ggcgatcat	43680
ggagcagggc	ggggcgccact	tcatcaatgc	cttcgtgact	acaccaatgt	gctgtccgtc	43740
tcgctcctcc	attctcaccg	gcaagtacgt	ccacaaccac	aacacctaca	ccaacaatga	43800

gaattgttcc	tcgccctcct	ggcaggccca	gcacgagagc	cgcaccttcg	ccgtgtatct	43860
caacagcaca	ggctaccgga	caggtgagga	ccagagtagg	gcactgttgg	ggcctgctca	43920
agggacagac	aggtggcctc	ttgtgccctc	agcttcctcg	ggtgcgacgt	ccacactgca	43980
ctgggtcccca	agataactct	gggttatgcc	cagaaaaggt	ttcacttccc	agtgaggttt	44040
ccagttttatt	tctatgcaca	catagtagat	gtgtctgaag	aaggttcaga	aaaccacctt	44100
ttcaaagaaa	ctagagtttt	aaaaaaatgg	agagtccagg	gagattgtga	attctctgac	44160
agggagggtca	cgagatatct	cttgcatgca	tgagtttgag	gtttctgtgt	ttaaaactga	44220
tttattgact	gagaccatct	gcatgagaga	aggtccaga	atgttgagg	tgggaattaga	44280
gaacggacag	acatggggga	ctcaccagtt	tattgtggga	gtaaccaaga	tgacgaagg	44340
gttgccatgg	tgagagagac	ctttgactgt	gctgttattt	gtgtcaggat	gtccttggtg	44400
cctacttgag	ggagacactg	tggcgagttc	gaaaggccgc	ccgctaggct	ggcacctaag	44460
gtcaagctgt	aatcccagcc	cagccacctc	gcccttgcca	aatcctccag	actcaactca	44520
ttgaacttgc	ttgagtttga	aagaaaaaaa	acaagaattc	cccaccttgg	cgagcagcct	44580
ggggctgttg	tgaaccaga	tgatatggct	caggctcaga	tgctcgcaag	ccgtgacgct	44640
acattgtttt	gagtgggagt	gaggaagggc	cgggcacctc	ctgtagctga	tctgcagcca	44700
tcattccatca	gggctgggca	ggctttcaga	tgcccagtg	gagtgggtgg	gactgtgtac	44760
tccctacatg	ctcctccac	cacaggatca	tcccagaac	aggttcagct	ataaaaaacca	44820
gctcccctac	atgggcaggt	catcatggga	gtggaggtgc	agaccccgat	ggcttgggg	44880
ccccacagaa	agcgcgtgtt	agaggtctcg	taggccagtg	cttcagatgg	ttgggaagcc	44940
tggaaacgctg	ttgggggtggg	gataggcagg	gacatagcaa	ggcggcggct	cctattggag	45000
ggtgcagctg	ccattcagg	ctagaaactc	catctttaa	aactgaatac	tgtggggcaa	45060
agatgtatct	atgggcccgt	atggctcaag	cacctgaac	agctctggct	ggaatgttta	45120
tatgaaaaca	gatgaatagg	ggctggagag	atggctcagt	ggttaagagc	accgtctgct	45180
cttcagagg	tcctgagttc	aattcccagc	aaccacatgg	tggctcaca	ccacctgtaa	45240
taggatctga	tgccctcttc	tgggtgtgtc	gaagacagcg	acagtgtatg	cacatacata	45300
aaataataaa	tccttcaaaa	aaaaaaaaga	aattgttta	aaaaaaaaa	aaaaagaaaa	45360
cagatgaata	gtgaggcccc	caaagtgttc	atcaggcctg	tcacctggaa	agcagaaaga	45420
ccactcctcc	cacaaagact	cctgggagaa	acatgaaatg	gaaagtgtgt	gtggcataat	45480
caaaacagaa	aacagaggcc	acgggaacgc	agagacatgg	ggacagtcgg	tcaaacaaaa	45540
ggggaaatta	ctaattccaa	aaacactatg	ggatttatga	tggagcgaaa	gccccatatca	45600
gagtcacatg	ggaaacagaa	agaaaggaat	gaccatcaaa	gtagacagtc	accaaaccag	45660
gtgcgccatc	cagctgctgg	ggaggctgat	gcaggaaggt	cataattcag	ggttactggg	45720
gctaagcagt	gacactgcat	ctcaaaatga	aacatccaac	gtggactgag	gatgtagctc	45780
agtgatgata	cttgatggc	gtatgttcat	ttttacgg	acaagcccca	gggacaaatc	45840
agtactccag	cctggttgtc	ggtcaaacc	tatatccatt	tgagcatcta	aggaaggtaa	45900
ctgagctgag	tttaagtctg	gcagagggaa	tgggggtacc	tgctgcttat	ggctctcatc	45960
taaattcatt	gctgtccttg	tggccttgat	ccaagagcag	gtctacagat	caggttctcg	46020
tttctcctta	cttcccatcg	gtgagaaaca	agatatgtga	gtgtgagcac	tcgtggctgc	46080
aaaagagcct	gggatatgta	gtctttacgc	tgggtaggtc	tttgtaccac	tgaaaacaga	46140
tcctgaagg	ggagaccctc	agtcacagcc	acagctctta	actgttcgtg	tttgtgacgc	46200
ccttgaatcc	agaaggctcag	ctgagcttaa	aggacagatg	ccaaaattca	cagtgcagg	46260
ggatgttaac	agagccggtt	taaaaaatg	aagctacagc	tgggcttagt	agtacaagcc	46320
tgtaatccca	gttcccagga	tggagtccag	aggtcagga	gttcaaggtc	aacctctgct	46380
atatatttag	tttgaggata	gccagaaagg	gaggaagaaa	gggaggggtg	gagggagatg	46440
gggtaggaga	gaaaagaaaa	gaaagctacc	tggcctgata	ctgcatccct	gcatttccca	46500
acactaagg	attcaaaaac	aaaaatggaa	caaaaatcgg	gatgggagag	attgcacagc	46560
aggtgagagc	actggctttt	cttctaggga	ctgaggttca	gttccctgca	cccacgtgtc	46620
ggctgacaac	cacctgtaac	tccagttctg	gggcatctaa	cacctctctc	tgacctctc	46680
aagccccatg	cacacggatg	gtacacattc	acacatgtga	gcagagcact	catatatgtt	46740
acgtgattaa	ttcatattca	tgggagaaga	aaatacaaaa	cacattttga	aaataactta	46800
ctttctgaga	cagagcctgc	gtagtcttcc	cccaagtcgt	tgagtgtcta	gggctgggtc	46860

ggatctttttg	atccatctgc	ctccacctcc	caaagtctga	ggtgacaggg	gtgagtcctcc	46920
atgcctgggtt	tatctgctgc	tggaacccag	ggctttctgc	atgccccagg	gcacttttagc	46980
aactgtgtcc	cagctgcagc	tgacgcccc	gccctagatg	taacaaagct	ttggctctaa	47040
ctgcaatggg	ttgacgtttg	aagtgcataa	actgtgcagt	ccctgttgag	aagagtgtaa	47100
tttgtgccac	aatcatcaga	ttgggtgaac	atgatgtccc	ttcccattgg	cgctctcctt	47160
ttacagggat	ctgaggatgg	caggggggtgc	aggaggtgtc	tttccaaaga	ctccctctgg	47220
ccctgttgac	agtcaagtct	ccactgggtt	gtgtgtgtta	ccttgcaatc	ctgtgtgaca	47280
gacatgcttc	actgagccca	gacaccgact	tactctctgt	ccggggcccg	tgtcttctga	47340
tgccacttca	gttaccttgc	atcccgcctc	tcttaaaaga	tgactattca	gtcatctcac	47400
actgcgactg	cacagcccgt	gtctgcgagg	gacacacaag	agcaaaagcc	agaggtgctg	47460
ggtttcagtc	gaataaatac	ccattgggtta	gtggaagttt	ctggatatgg	ctcccgctca	47520
atccgagact	ggtgtgtctc	cctgccccct	caacccagg	gagccaccag	cagccctagc	47580
tgcgctgaca	gagagagcgc	atgcgtgttc	ccagcgcccg	attccctgac	aagacacagt	47640
gggctgtggg	ggagtgtggg	tgccagtctg	atttccaaac	actcctccct	ggggggggtaa	47700
agagcctttt	ccagcacttt	ctaccaatta	gatgccagct	aaggccttct	ctctccacca	47760
ccagagtcca	accccacgtg	gttacgtgcc	tgccaggctt	ccgtagagat	ggtagtgccc	47820
cttctgcacg	ccgcctacat	gttctggaat	gttcctgggg	agctgagaac	aggcctttctg	47880
ttagaagttc	aggetctgcc	aggactcccc	tgggggtgct	gttttttagac	tgtaccatgc	47940
accccacttt	ctttccgttc	ctctcacata	gctgggaaag	gacactggct	gatgacttag	48000
attctgggtca	ttcactgcct	gtggccacca	cacggtagcc	ttgggtgtcct	gatacctgca	48060
gaggccctca	catggccagg	cctggcactg	ggcacccctga	cagtcgctgc	tactgaagga	48120
aggcattgtg	tgcatgtgtg	tgtgcataatg	acttgttttg	cgctcatgagg	atgcctcccg	48180
tattaccttc	ccccagtgac	cacccctctc	tcctacctcc	tgctcctgcca	tgagccctt	48240
tagaccatgt	ccagctgccc	accgacatct	ctcttagggg	ccccatgtgt	caaacctacc	48300
atgtccagta	tgacctcttc	attttgtcac	ccccttcccta	gggtgtgtgca	caggctcccc	48360
catggcactt	ccaactttcc	attcactcag	gccaagcccg	tgaaaccgtg	tttgacatgt	48420
ttcccttcct	atcacaagca	gtccatcaac	agaccccatc	attcttccctg	aagtatccgc	48480
tgagtccctc	cattgtcttc	ctgtcggccc	gtccccccac	agcaccccc	tccgcccaacc	48540
agccgctctg	ttcccaccct	aatcctcaag	gtccgcctt	ccccatcccc	cacccccaca	48600
gcaaacattg	ccatcccac	agaaccctg	ctgctcttca	gcatatgccc	cacccactag	48660
ggatggagac	ccgccctcaa	agctgacaca	gggtccccag	gagctgtccc	acttgtccag	48720
cttctcttgg	cctcctctgt	ccctgttagc	tgtccctgct	agccactcca	cccacaggga	48780
ttccttccctg	ttgctccaac	agtgggcctg	gcacacgcct	ccgggccttg	gtcctcctct	48840
tcctctaaag	cagcgattct	caacctgtgg	gtcgtgaccc	ctctgggagg	ggacacctaa	48900
gaccatcata	aaacacagta	acattatgat	ttataacagc	aataaaaatca	catctatggg	48960
gtagtagtga	caatatTTTT	atgggttggg	ggtcaccacc	ataaaaaagg	gtcactgcat	49020
taggaagggt	gagaaccaca	gctctgcata	atcttcaaaa	ctcatgcaat	gcttgcaagt	49080
atttccctcag	atctgtgttc	ctgtgtcccc	tcctcagtgg	accctctgtg	aacaccccag	49140
taccccatct	tcttactcat	tttcttttcc	ttcaaagcct	gacaccaccc	agcaggatct	49200
gtctgtttat	tctgcagtcc	cttgggttgt	tagccttccc	tggcctgtct	gtgctccctg	49260
ccttcccccg	cctgtgtctc	ctgccctgat	tcttgcttcc	tctaaccctt	gttctggccc	49320
tttctccccc	atggcttctt	gactgtctgg	cttctaaaact	gccaaagtccc	tcctgctgtct	49380
cccaggccca	agacagcctg	gcccacagta	gatgcttgaa	taggttcaca	cagcctggcc	49440
cacagtaggt	gcttggttgg	gttcacacag	cctggccccc	agtaggtgct	tggttgggtt	49500
cacacagcct	ggcccacagt	agggtgcttg	ttgggttcac	acagcttggc	ccacagtagg	49560
tccttggttg	ggttcacaca	gcttggtccc	cagtaggtgc	ttggatgggt	tcacacatca	49620
gcccccatca	cttctctctc	cggcatgggc	tgcttctccg	ttatctctct	gcttacacag	49680
gggagactcc	ggctgtcctg	gatgcttttc	tggaccctgg	tgacagctgtc	cccaccttca	49740
caatggcagc	cttctctgct	cttggccttc	ctcctgcctg	tctgtgtccg	gcttcccttc	49800
cccggagtgc	acacagggac	acacttgagt	gtgcacacac	agctctcttc	ttcacgggtcc	49860
agctgcccct	tgtgtgcccc	cccaccaca	catgaccctt	atggcctgtg	gctgcagagt	49920

ccccatctgc	cccccgagtc	ttggaacctc	ccctgaagga	cttacctctc	ggcatggggg	49980
tctgtctggg	ccttgccctg	gtcatatagc	ccactgaagg	tccagcttct	cctgccacat	50040
ctgtctctca	gatccggctc	attgtccctt	agttaagtca	agcatggcgg	cacacccatg	50100
ctctcagccc	acaggcgtag	tggagggagg	accagttggt	cagactcacc	ctcatctgcg	50160
tagaaagtct	gaggctagcc	tccgctacct	gagaccgttt	gacactgtgg	ttctcaacct	50220
ttcatacaact	gtgacattct	aatacagtcc	ctcatgccgt	ggtgaccccc	aaccataaaa	50280
ttatttttgt	gctatttcat	aactgtgatt	ttgctactgt	tagggattgt	catgtaaata	50340
tttgggaggt	aaaggtttgg	taaaggggtc	tcaacctata	catgggttgg	gagaccctct	50400
gatctaaaac	aaaatggctc	cggtagttag	gagcgggtga	cactcttgca	aaggggactgg	50460
ctttgggtct	cagcactcac	cgggtggctc	ataatccctt	gtgactccag	ttccagagaa	50520
tccagggccc	tctctggctc	catgtgcacc	aagcatccat	gcagtgcacg	tctatacata	50580
tagatcacag	atgcacataa	aattaatctt	tttttaagtc	cccaaactct	cttaagccct	50640
tagtctctag	cctttcaatg	cttttaagat	ttacataagt	gagtcaccca	ggccctcgct	50700
ctaacattac	ttgtgactgt	gagctgggac	gcttccctga	tgtcagttt	cccttctcta	50760
cagcagtgtt	acgatgtgga	taagttgccc	agtgcccata	atatgcatca	ccccaaaggac	50820
ggtgtgacca	ggtcccacaa	attcatgcag	tgaagtcct	tgggagggag	aggaagcgtg	50880
ggggctggga	gaccgttctg	tctgcagagc	catcaataaa	cgaggagttt	cttccccggg	50940
accacagaaa	aaggccaggc	atggcagcta	ctgcctctca	cgagccctgg	agagacagag	51000
acaagagagt	ccttgggaa	cactagccgg	ccagcctagc	cagttggggg	gcttccgggt	51060
cagtaagaga	tggcttgaac	actaaggtag	agaggcaagc	aagatgcctc	agcaggtaaa	51120
ggtgcttgcc	gccaaagcct	atgagatggg	ctgcagaacc	caccacagtag	aaagagagaa	51180
ccaactcctg	caagttgtcc	tctggctctc	acacatatgc	tgcacccacg	cacccccaca	51240
aacacacaca	catacacaca	cacagataaa	taaatatata	tttttaaaaa	gttaccact	51300
ggtggagagg	ggggctggat	gattgaggaa	gatactggat	attcctccac	actcccatgt	51360
acaagtatcc	ttacatacat	gtacatacat	gaatacatat	gtatgcatgc	acacgccaca	51420
cacaaataag	gaaaagtgga	gtaagcatag	gtgtgtgtcc	tcagtccctt	gaggatgagg	51480
tatgggggtg	gggaggtcca	ggtgtccgtc	tgatccctga	ctgtccctca	gcctcgctca	51540
gccacacaca	ggttcccag	aactgcagag	accagagacc	acaaccacag	agcttaaagc	51600
aggaggtgct	tctcctctga	catcccaa	cggctgtccc	caggggactt	ctgttccagc	51660
ctcctcagct	ctccatatcc	caggetcccc	aggctctgcc	tctctctcct	cgtggctctc	51720
agatccagge	atctgtgtcc	agatttcccc	gttgacagca	ctggcctgca	gttccccctg	51780
accogatcga	tgtaaagctt	ttttaacttc	ttttaacttg	atcacagaag	ctagggtctca	51840
gataaggtca	cacactgtgc	aggtaccagg	atcagagtgg	gtatctggag	agtcacgata	51900
tggctcatgt	gttcaacccc	ccacctgtca	ctgtcctccc	ttccagagacc	accctcagge	51960
ctgacttcag	tagacatggg	acagaagaaa	ggcttcagtg	cccaaaacct	catgttttgt	52020
ttgatgtttg	aaacaaggct	ttcttaggta	accaggcggc	ccttgaactt	gcaatgcccc	52080
tgctagtacc	tccccagtg	tgggaccaca	gctccatgcc	tgcctactgg	gttttaactc	52140
tgcaaacagg	aggctaactc	acaccaactc	atgggagggg	gggcctctta	ggettcagac	52200
cacttaattg	caagcctttt	tctcaaggaa	gcacagcgcc	ccctatgggc	caaatccatg	52260
aacacagtga	tacaggatgc	tggctgtatc	ctgaatgaag	caagggactt	tgggtggacgc	52320
tctgcagtc	acatgccttc	tacactaccc	tccaagtc	tcgtgtgtgg	ggggattatt	52380
ttatgcttat	tgttctgagt	attgaaatct	agtctatctt	ctatataaat	aaggaagggg	52440
ttttttttgt	tgttgtgtgt	ggtgggtggt	ggttggtttt	aggtttttgg	cagttataaa	52500
tgtgctcagt	ttcctagcat	tagatctgac	aggaaagctg	ttataattga	atgtgaaact	52560
tttccaagag	attccttatt	tctgaaaatt	ctgtccctga	tggcaggggc	aaccagtatt	52620
tgaattgcaa	ataccaagcg	cccaccagcc	tgcgctggga	accagcagcc	tcccagggaa	52680
tctgtctcct	tgtctggcacc	tgactgccac	ctcatgtctc	cttgacggat	gtgccagaga	52740
cgtttccggg	tgaagcctcc	ctttgttata	aatctcccag	cttttatctt	tcttgaagat	52800
tgtgtttcta	atgttctttc	aactttggga	gatgactggc	ataggaaatt	atttttcgac	52860
tgtgaattcc	ttttgggagg	aaatacggca	aactcattat	tataggaaag	ggccattggg	52920
gagatacctc	tgagagcagc	tccgaggggt	ctgatatgtc	acgctccctg	aggtaatggg	52980

aatttcctat	agttgatgga	tccctccagtc	ctgctgtaaa	ggctgctgtg	gattgtctgc	53040
ccctctgccc	cacccttctg	cacgtctgca	gttgagaggg	cagagggctg	ggaagatggc	53100
ttagtgggga	agccaacaag	gaccaggccc	gatccccagc	atcctggtaa	aaggcggggt	53160
acgaatgccc	atctgtaacc	cagtctccaa	agaagatgaa	atccctggaa	caagctggta	53220
gaactgggtga	agtcgggggtt	catgtggggag	accctacctc	agcatataag	gtggagaata	53280
atccaaaaag	atatctgaca	ttagcctatg	ctaattgctca	cacacacaca	cacacacaca	53340
cacacacaca	cacaccaaag	ggatgcacac	acacacacag	cccacaccac	acacactcac	53400
cacacacaca	cacacacaca	cacacacagg	aatgcacaca	catacacata	tactccatac	53460
cacacacaca	cacaccacca	cacacagaca	ctacactaca	cacacacact	accccacgcc	53520
tgcacaatac	accacataca	cacataatac	cacacacaaa	caccacaggc	atacatacac	53580
acattaaaag	gaaagggcca	acagtatagc	tcagtcggga	gagcactcgc	ccagcacaca	53640
ggaagccatg	ggtttaatcc	acatcacttc	ataaagggtg	gggggtgcac	acctataatc	53700
caagcattgg	aaagctgagg	caggtttgag	agttcaaggc	cagtttgtcc	tgatagtgaa	53760
tcaacaggcc	atagagcctc	tccctgatgc	tagctagcct	ccctcccagc	taacgaggtt	53820
ttctggaaat	gaatggactc	tgtcatttgc	tacagctgcc	tgagtctggc	aggggagggt	53880
gaagcctgca	ttcagttaga	aactcaagca	accccctcca	ggtcccctgc	acccactgcc	53940
cagccttggc	ctgatgccct	ggggtcctct	gcaacccaag	ctctctccat	agcaacagtc	54000
ccactcgga	caagcaggta	ggaaaaagga	gcctagaaag	ggctcagccc	tcagtccttg	54060
tgagctgcct	ggcccttctt	tcccctgggtg	actagccaac	caccctact	ccccaagag	54120
gacaacaggg	ggtgccttga	aaagctgcac	tctgattgaa	accctcccct	ggctgttctg	54180
agttcctgag	ataaaccac	agtccttct	atcgggctca	cctgttcacg	tctctcctgc	54240
ctctggctct	tctgttccat	tcatacgcgg	gccactgacc	ctctctgtgg	tacggtcctc	54300
cctgccttg	caccttagta	cttgcttctg	tataaaacac	acttcacca	ctcccctgct	54360
gtggagaact	ttccagatcc	atcctcactc	ttccctgggg	agtcagttac	cactccctac	54420
ccagtcccag	ttatacaaag	atgagtactt	gaacacctgc	caggcagaga	cagaaaacag	54480
gcatccacca	ctgaaacctt	gtgggtgggtg	ggctggggat	gtggctccgt	cgggagctgt	54540
gtggagggct	ctggatttag	ccctcggcac	ctcataaacc	aggcatgctg	gcacatgctg	54600
gactctcagg	attcagaagg	gagaggccgg	aggatcgcaa	gttcaaggtc	attcttagtg	54660
gcacagctat	ttccagaaca	gaccgggctg	caaggtgccc	tgactgaaaa	aagcgaggga	54720
gggagagagg	gaggaagggc	aggcagcaga	gatctctctt	aactagggag	gctgcttttc	54780
ggcagcctct	gaccctctgc	atcacgcoca	tcttctctctg	cctcacttac	ctctcacatg	54840
tcagcatccg	gaatgtaacc	aatgttagcg	agttgattta	tcttgtgctt	tggcagttca	54900
ccattcaaac	acaaagagag	ccctaccgta	accgtgagag	aggcagcctt	aagtgaaca	54960
gagccaccgg	cagttctcaa	aagctctcgg	cctagcctga	gtgggactcg	ggaggtttat	55020
ttaacatact	tccaccctcg	cctcctcagc	ccagacgggtt	tgtctgccaa	aaacctgaag	55080
acttcaggcc	tgtggcctct	cacacgtaat	agctatagca	gcctggactt	tgtcctttgt	55140
ccaccttctt	ttgtggctca	gatccccaga	tccccagcc	tagtgggatt	gtctctgaca	55200
ctcagaccag	ggacctccac	ccccccaacc	cgtagcccc	aaacccaatg	gcagcaggtc	55260
aaagctgccc	agttcaggat	gtttctagaa	cgacagggtc	cagggatggg	atctgaattc	55320
ctgggtctac	tgatcttctg	gttggtattt	gttaacgtgc	aggtgacacc	gttatccaaa	55380
acagctccta	tagggagcag	atgaatgcgg	agggtgtgctt	ccttctctgtg	acagcataat	55440
cagaagtcac	acgcattcca	tacgtctctg	taggttgtgg	aagaagatgc	ccagagtcac	55500
aaaggaagcc	agttgcatcc	aagtgtctta	gaaactgcc	tgtgtgcctc	tttccacatt	55560
tccaggctgc	atcactgatg	gtgggcagg	ctggtaccag	aagtgatatt	tcaaataatc	55620
atgggtggctg	tcttgggata	ggtcactgg	gcctacgtcc	aggttctgtc	agtggaagctt	55680
tccctcagga	tagcagggca	tgctagttag	aggttaaaga	aaataaacgc	acatgaattc	55740
ttccacccaa	gttcacagac	tgctgaatt	ctggctccaa	ccagcagatt	aggaaaactct	55800
tcttagagct	ggagagatga	ctcagtatgg	ttaaagggac	gagagagaat	tcagttccca	55860
gaaccagggt	caggcctgta	agtcaactcc	aggggatctg	atctctacca	caacactaca	55920
ttcatgtaca	catgcatgca	tacacatctg	tatactcata	catacttgca	tatatataca	55980
tacaaatata	catatactca	aatacatata	cacacttaat	acatacatat	atgtacatag	56040

agacatacag	acatacacaa	atacatacat	acacgtatat	gtatatatac	atacacacat	56100
atacatacaa	atattcatat	acacaaatat	atatacatat	acataatata	cacaaacata	56160
catatataca	cagacacaca	catataaaaa	tgaaataatt	tttttctttt	actcttgaaa	56220
gaaaagaacc	accaccacca	ccaccaccac	cccgttgc	gtggcacacg	agaataatca	56280
cttgggaggg	taagagagga	gtatttcaaa	atggggtag	cctgagctac	gtggtaagtc	56340
tggctctaca	gaaaagaact	ccccctagaa	tatattagac	cccatagcca	tctcgtgcca	56400
ctagaatact	cagcagccag	agtcctccat	ctaccctcc	ccttccccct	gagccctgtc	56460
cctgtgtctt	gccacatca	cgccacctc	agtgaacaac	tagtgctca	gcatttccac	56520
acctgctctc	cttactcctg	atcaggcctg	ctcctgccac	ggtgtccctg	tagattcagc	56580
atccacacat	cacacgacca	aggcaaaagg	cagactcgaa	gccctgcagg	ctcctcgta	56640
gaccggtgcc	cacagcctcc	gtggcctgg	gtctgtagg	gctctcacc	ctctgctgcc	56700
caaccacacc	ccccacaggt	ttgagggctt	gctcatggga	ctgtcatcca	gacacaggac	56760
gcagaagaaa	cagaacaaga	gagccttttc	ctgcctcttg	agctgatatt	cgagttcagt	56820
tgcaacaaca	aaagctgaaa	caaaaattgc	aaattgctga	caataccatg	aagaaactaa	56880
gtcatgaagg	agaggcccc	cgggggtgac	ccagcaaacc	tctggcaaag	ctgaagaatg	56940
gagccagagc	atctgcagta	gagaaggctt	tcccaggaca	agcaccagg	caaaggacct	57000
ggggcagaac	aggcgctgcc	tgactgaggg	gagagctggg	gaacagagtc	tgtaccagtc	57060
aggagattgt	tacgcaggcg	tctacaggct	gaccagactc	tgggttttgt	tcaagtgtga	57120
catgaagctg	atgatggggt	ttgctaagta	tggtagatct	agactgggtg	cttagagagt	57180
gtctctggcc	accatggagg	agggaccgag	ggagaaggca	ggagggctga	cgaggggact	57240
ccagccacct	ccagacagag	aaactgaggg	tcctatcctg	gacctgtgct	ttagacagag	57300
agagctgcca	ggctgtggag	acagtttggg	gcctgagaag	gagattcaag	gtgtggccct	57360
tctgaccaga	gcgctgggtg	aggagcagac	tgggggcaga	tgggaggcca	tactgggaaa	57420
cctgcttagt	gtcaaatgag	tcagtttgca	gggaaataag	agcacaaaac	cagagagtcc	57480
attgaaacca	gcaaagccca	tgacagggca	gtgacagctg	gagcagagag	ctgccgtgtg	57540
gggtgacgcc	cggttctgtt	cccccgagc	cctcgagtgt	ggagctgaac	agtctggttt	57600
tggcaggctg	gacttgccat	gttctgcctc	attcaccaca	gaccttcccc	attccccctg	57660
ggaatgttgt	ttattgtcat	tggctggggc	ctccatcacc	agtctctgct	aatagataga	57720
tgtacgtctc	tctgggcagg	cgtacttaca	gtcccttcct	tgtcccagga	gactctaggc	57780
caagaccagt	cacatctgg	ttcagacaaa	tgttttcagt	tcttgaaaca	cacacacaca	57840
cacacacaca	cacacacaca	cacacacaca	cacacattaa	aagagtcggg	accctggttt	57900
ctttgggtgtt	cttcccatga	gctaactgtg	gctacactgg	taactgtccc	attggttagg	57960
cgcagtcacc	aaggcagagt	agaaggctct	tgcctgagac	tagctaggcc	tgcatgctct	58020
gagtggaaac	gaggtccttc	agactctcag	gccacaccct	tcttgactat	aggccagtgt	58080
gaatatggg	agatgtgatt	gtaatccct	tccctctac	ctgacagtgc	ccggaacatg	58140
taccacatc	gtgacagaca	taacttcac	actgtcccca	gggaggtagc	gacaccctta	58200
ctggccccac	tcaagttcat	agtactctgc	acacagactg	cactcggctg	acacacacac	58260
accccccttc	cctgcacccc	attcttgtca	cagtgtctct	acagatacta	aaatagaaa	58320
cctttgggat	tctgggtttg	tttgggtttg	ggtttatatt	agttactctg	tgtgtgtgtg	58380
tgtgtgtgtg	tgtgcgcg	tgtgtgcgtg	tgtgtgcacg	cgcagtcag	ctcgtgtcac	58440
agcatgaagg	ctgaggacag	ggaatgcctc	acagatgtca	gtccactccc	tcccctgcat	58500
gggttcocaga	gactgagctc	aggtcatcga	gttggcagca	gatgtcttta	cccactgagc	58560
catccttcca	gcccacagaa	tgccctttaga	atacggtaac	tgcccttgcg	cagggtatgt	58620
gcatcggcct	gaatacctca	gccagatcga	tcctgtcagc	tgtgtgctca	tcacataccc	58680
ggtttttagca	ggtgcccact	ggggctacag	tgtccagacg	ggcttgtgcc	ctctggactt	58740
gcatccttgg	tggagggggag	aaacatatag	gaaagtgggt	gcctcagtgg	ggtgatccca	58800
gagaaaactga	gaagaagtga	cctgagtg	agagacaaag	gggaaggcag	ggtcatcttg	58860
ggtcagacat	cacatggaga	aggggcaggt	ccgtgagacc	gacagagggg	tgtccaaggc	58920
agagggagca	gctgggtgta	atgtcctggg	gcgtttaaga	tgtggagggt	cggaaccctg	58980
tgagccaagc	acaagtcact	gtaatggagt	caatggtctt	gaattcagag	gatccttctg	59040
gctattttgtg	gatgattgat	tctatgagga	gacaagaggg	gagggaggct	gaagtatggg	59100



ggtgagtgga	taaggtgtgc	acatgtttct	tctctccctc	ccttcttctt	tccctgaaa	59160
ggtcctgtat	gcatttaaaa	taagcattct	accaatgagt	taaaccccag	tccctaaact	59220
tctctctctt	tgtggactgt	cttaccaggt	gggctgacat	gggctcaaaa	gagccacca	59280
cttgggtaca	gctcctgaac	aatgggttcc	tgctcgcttc	ttgggacaga	acaccccttt	59340
ctgcttttaa	ggtctctcac	ctcaaagtgt	gaaccacagg	tggaagatga	tttctgtgtc	59400
tccagggaca	cagcagggca	tgtaggctga	caatagggtac	ctcagcgacc	aaggcacaga	59460
agttggggcc	tgtggcttgt	ccagggttac	aataaagaag	gccaaгаааg	aggaaacctt	59520
ggggatgtgg	gagtgaattg	acttcacagt	atggaaggga	cctgcccacg	aaaataagtc	59580
tttaatgaaa	tgtcagccac	acaccgtgtg	attcagcggg	tccgctccgg	aacacttcgc	59640
ctccttact.	gttattttacc	agttttgttg	aatgttctgat	gtgggtggag	gtggtgtagg	59700
gtgagcctat	gccaaaattg	ctgttgtcct	tgaacagcc	ctgttcacag	ctctaccacg	59760
atggccaggg	accaggggagg	gaggaacggg	ctgtactaca	ctgcaggctg	agctagccct	59820
ccaggcagcc	ctacagcaga	cctcaggata	tatctatcac	catctcatct	tcagtaggtg	59880
cctggcctct	tgcacagcag	taaaccctgg	tgttcagccg	tcaggaaaca	ggggtgatgc	59940
cctctacatg	tgttctgcaa	ggggctgaca	ggtccaaggt	acagatgtgg	tcactctgca	60000
ggcttgctct	tatccattct	gtcacatgcc	tcttcagca	cagggtaaaa	ggggagcatg	60060
cacacatgca	cacgcacatg	cacacacccc	tgcacataca	tgtgtgcatg	catgcacaca	60120
ccacacacag	ttgccctgag	attcccattg	tatcctccac	tgccctcaga	ctcgcagcga	60180
tgccctccag	gctctccgat	gccaggcatc	ctgccagctc	atttctatcc	ctgatcgccg	60240
cacgacacag	ctttttcaga	ccacaaacac	attgttatga	ggccatttga	gtttgtttca	60300
gagctaggag	agataacaga	agggctctggg	cctcctgtca	ggcggcgaat	ggctccccag	60360
cagcccttaa	cgcagacaag	tggagcgaga	cagccaggag	gggaggcgct	tgcttgcctc	60420
aaatgttaag	caatggacag	ggcagaggga	aggactgggg	gcctgatccc	tcacagagga	60480
aggtgagcac	acagggtgatt	tcccatatct	ggcatcagtt	aaaccagggtg	ctaacaggcg	60540
agaggctgat	aaaccagggtg	ctgacaggcg	agaggcagat	aggatgcaga	tagatgcttg	60600
ttacgatgat	agtttaactt	taggaacttg	tgtcgtggtt	tttttttttt	ttttttttcg	60660
aggcagggtt	tctctgtgta	gtcctggctg	tcttggaact	cactctgtag	accaggctgg	60720
cctcgaaetc	agaaatccgc	ctgcctctgc	ctcccaagtg	ctgggactaa	aggcgtgagc	60780
caccacaccc	ggcttttgtgt	catgggttta	agcaatatac	ctgaacagtc	agcctacatc	60840
tctccagggt	ctacctccaa	attcaaccac	caaggatcgg	aagtgttcag	aaccaagtgc	60900
agacgtgctg	gtcgagtcta	gattagtttt	cttatcatga	tatccagac	tagagggcgt	60960
aataactatc	cacagatcat	tatgtcaaac	tgagttgtct	aagaaacctg	ggaaccagct	61020
tgagtatctt	ggactctgca	tgtgggcctg	tggtctggaa	aagctgtgtc	tcaagttgga	61080
atgagcttct	ggtctccaca	ggccctggaa	tccctcacc	acgtgaggaa	ccactgttaa	61140
caggcatcca	gagagggaca	ttattgtctc	cattatagat	ctaaagagcc	aggcacagtg	61200
tctcagacct	gtaatcccac	cactcaggag	gctgaggcgg	gaggatcaag	tgtcctaagt	61260
caacctggga	cacatagcaa	gacctatttt	caggaagtaa	agaaagaata	agagatttgc	61320
caagggcaca	ctgctggggg	attactgcat	gcgtgaggat	ttgggagggtg	atggatttga	61380
agttgttttg	tttgtttgtt	tgttttgttt	tttgttttta	cattcttttg	gtgtgtgcgt	61440
gcacacctgc	atgtgtagag	gacagaggac	aactttcaga	agtgtcttct	ctcctctac	61500
gacatggtcc	ccagggactg	aactcagggtg	tcagacttgg	caacaagtgc	tttaacccca	61560
ctgcaatatc	ttacctgtcc	tgtttgagaga	ttttagagtt	ttgccgggca	atgtcgtttt	61620
ctttgggaaa	aggtctacag	tttgcaaac	acctccacag	accctacgat	ctgtaagctg	61680
tccctgggtc	cctgtgtcat	gggtgtccat	tattttttgt	cccacccact	tctcttcaact	61740
gacatcattt	aggattgcct	tcagctaagg	tccctcggct	accagtggca	tctcaggagc	61800
gctgacatcc	ctgtgcgttt	cttgtgcctg	ccgtgtctcc	ctagagtctt	ctctctgtca	61860
ccaagctctc	tctggtggca	tctactttat	agaacatgtg	actgctctga	cactgggtgc	61920
ctgaggcaac	acggctctcc	actcgggaac	tgaatggctt	gtgtagcaat	gtgtcaaccg	61980
cagactgtgc	aggaaggggac	acacttgacc	cttgatcctg	atgtcccgtc	cacacagctc	62040
gccctctaca	caatccattt	atgccctgtg	ctgacaggct	gcacctcgta	gcagagggca	62100
tttgtaaaata	aactatggga	qctagatgct	tgggcatctt	ttcagagcca	ggaatcgtag	62160

gccacagtca	ggacaggatg	tgtacatctc	ttctccaccg	taagtgtgtaag	gcctggacgt	62220
ggctcacagg	accagcttgc	tacataccct	ttcagggggtt	atcagtcacag	ccctgctccc	62280
tggggacagg	catcagcttg	cacactgtct	ctggcctttc	ctgacctgcc	atagtcttca	62340
tccgctgcc	aactcttctc	cccagcaccg	gcccccaggc	ccctccttca	tgggcatctc	62400
agccaccgcc	gctcccagag	tacagggtttt	ccagctccag	ctatgatccg	ggctgcgctt	62460
ctcgcttgg	ccctcgetcc	agcttgctct	ccctcttggc	tgcaactccc	agcccccggc	62520
ccacgcta	ctgtttctcc	cacctctcct	ggtgcccggga	taaccatttt	aaaaactgcc	62580
ctcgggaa	ctaatacaat	gagagcaaaa	tctaatttgg	cactaaaagc	ctctgactga	62640
agccctgatt	tctggagctt	tgtggagcct	ggataataat	gcctttctgg	gtttcgcaaa	62700
ggtccaggac	tggggagaag	agagggcgag	agaactctga	tatccctggt	atggaggatg	62760
aatgggctgg	gaagagcacc	gcttcctgag	ccagctggcc	tggccacgca	ccgagagttc	62820
tcagcatttg	gagcacacca	gcaccacaaa	gcccttggcc	tcaatctttg	gggatcccca	62880
gctggggacc	cagaagagat	gggaggaaac	ccagtgccac	catgaagggt	cggccagcgt	62940
tctccgggtt	tctctcttat	ctgcacagtg	agagctgact	tgtacttctt	gaacaagctg	63000
tggccctagg	ttccattttag	ggcatgccgg	gggctgtgaa	catgttctt	caagcctgtc	63060
cccagcggtc	cacttggcta	accaggctgc	atgtctccgt	gcttacacaa	cttattaaaa	63120
cagtgccacc	tgctggaggt	caagttcaaa	tatctgcacc	tgtagaacac	atttttagact	63180
caaaccctac	caccacctca	gggagtgcag	tctgtaggtg	acaaacccac	acggggaata	63240
tatgacaaa	gctgttgagc	ggagcagaag	ccacacatgc	cctggggctg	ttagcataca	63300
tcagcaattc	catatgctgt	cactatgggt	tttattgaca	gcgggctctg	ttttcttatt	63360
tgtgcttcag	tggcttcaag	tgggaggtt	ttccatccct	gtgcatatat	ttttttactt	63420
tgtttgtttg	tttgtttttg	aaattttgaa	acagggtttc	tctgtcctgg	ttgtcctgga	63480
actcacgctg	ttagaccagg	ctggccctaga	actcagaaat	ccgcctgccc	ttgcctccca	63540
agtgtctggga	ttaaaggcat	gtgccaccac	tgcccagctt	aattttcttt	ctaattgtaa	63600
tatatatttaa	attttttattt	atatatataa	atattttattt	atatatatat	atatgtaaat	63660
gtgaggatat	gctgagtgt	attgccacc	atggccataa	gagggtgcca	gatctcctgg	63720
agaggcattg	tgtgcaattg	tgagccaccc	agcttgggtg	ctgggaaacca	aacctgagtc	63780
ctctggaaga	gcatcatgct	ctcactagct	agcatctctc	cacacccctt	ctagttatcc	63840
tagggggagg	agtgatgggt	ttctattttac	tttcttctt	gttgaagtct	gagccagcac	63900
agaaagaatg	gtgacaagg	tgggagccag	cctggatctg	ggaaaagccac	agcgggaagg	63960
cctggcttct	tctgatggc	atttgggctt	cctggacgta	cacacacaca	gagagagaga	64020
gagagagaga	gagacagaga	gagagagaga	gagagagaga	gagggaggga	gggaggggagg	64080
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagctctgtt	ctcaaaggtc	64140
ccacgtggaa	gggcccagca	ctgtcctctg	ggcccagagc	agcccagccc	cctcctgcct	64200
tcccctgcaa	gcaattcctt	ccctatctct	ctctcttatt	ttgagagttg	caccagcacc	64260
cactgggttac	tccacagtca	cggggcacag	ctccgatcag	tatgctctca	agttatccta	64320
ccctcctacc	acagtcaagg	tcctgggctg	gccttgctca	tagtggagtg	acttgggacc	64380
tgggtgtccc	tgtctggaaa	tagaggactg	gggtataacc	tatgcgcaga	atagtttgtc	64440
ccttaccctg	gggagaagct	ctgggtctcc	cctcctgatt	aatatggatt	gctgtggttt	64500
tattaatggc	ggcatcattg	ttgaccaata	cagacacaga	aatccaccgt	ggccagatgg	64560
ccccaccacc	aaggccacgg	gggtgggggg	tgggggtggg	ggggtaggct	ctatgtttct	64620
gtaagaaata	aagcaggggt	gtagtgtctaa	aacccccagc	cccttccaac	ctcatccctt	64680
cctgcacccc	acccccacca	gcttcataga	tttcttctgc	ccagcttttg	aatttatatta	64740
aattagatca	tttaaaaata	tactggaaa	gagtcttaca	gaatgtctct	ctatctggtc	64800
tatgtcttat	actgttagca	tgcaccacac	ctcataaatg	tagcacaacc	ttgtgccata	64860
ttttattata	taactatatt	ccatttcatc	cacacatctt	tcagctaattg	aacttgtttc	64920
tatttgcttt	ctgagtgtac	cactgtcagc	tggccctggg	tgacttttga	tgaacaactg	64980
catgctgttt	caaactgctg	gaccagagcc	catgttcaag	tttgatagag	gatgccaaag	65040
agattccaaa	gtgttggggc	agttgacaca	ccccagcta	ttttcaagaa	cctcagttgc	65100
tccccgttcc	atcaactctt	ggggtgctgt	caatttatct	gggactgggg	aatacaaaact	65160
ctagagcacc	cctaagcctg	aacaaggggt	gtcttagtca	ctgttctatt	gctgtgaaga	65220

gacaccgtga	ccaaggtaac	tcttataaac	gaaagcattt	aactgggggtt	ggcttacagt	65280
gtcagaggct	aatccatgat	caccatggcg	gggagcacia	cagcaggcag	acagacatgg	65340
tgttgagaaa	ggagctgaga	gttacatctt	gacccctagg	cagcgggcat	aggggatgag	65400
acggcctggc	atggactttt	gaaacctcga	agctcacttc	tagcagcaga	cctcctctgt	65460
ctgacaaggg	cacaccttct	aatctttcca	aacagttcac	cgactgggga	ctaagcatga	65520
aaacatagta	gtttatagcg	gccattctta	ctcaaagcac	cgctttaaaa	agggaccagc	65580
tctcttctca	ctgacctacg	gcagcagaaa	ccaacctgtc	tgcttccacc	atgctcacgg	65640
ccacaaaacca	gagtccaggg	ctttatcatc	cataggaatc	actgacttgt	ttgtttgttt	65700
gtttgtttgt	taagacaagc	tgtagccctg	gctgtcctag	aactcactct	gtaaaccagg	65760
ctgaccttga	actcagacat	tccctgcct	ctgtttccca	agtgtctgga	ttaatggcat	65820
atgtcaccac	cacctagctt	gatctcttat	tttttaaagg	acatattatc	tattgtaaat	65880
tatttttagta	tttctatagc	cgtattttcaa	gtcccttgtt	tcttccctgt	gacctacta	65940
tagactttga	actcgtacac	atgtacttct	gtgaggaggg	gccctgggct	cccccttct	66000
gccaaagggc	agaggggtgt	gttggtctct	ggctgtgaac	actcaagtca	gtcagcatca	66060
ctgagggttg	ccaaggccag	ggctggctgc	tctcttgctc	acctctgac	gccgatctct	66120
tccagctttc	ttcggaataa	acctcaatga	gtacaacggc	tcatacgtgc	cgcccggtcg	66180
gaaggagtgg	gtcggcctac	ttaagaactc	ccgcttttat	aactacacac	tctgcccga	66240
tgggggtgaag	gagaaacatg	gtcagacta	ctccacggta	agctgtgcac	ccccaggccc	66300
caccaccgcc	tcccagagcca	ggggaacctt	actcgtagct	cacctgtggg	ccttgagag	66360
gatgctcgtg	cctaattaga	tgtgtggcct	tgagcatcgt	ccagtgtctc	ttctcaggtt	66420
ccccatcgct	ccactgctag	agttaactca	gatgccacct	cccgaagag	gccccctcac	66480
tggtccagct	aaatgacgtc	cccagcccca	gtttctggag	tctgaactcc	aacattcaac	66540
agtgaccag	aacaccttga	tttctctgta	ccttcgtctc	taaggaggga	ttgttaccat	66600
gtccattctc	agaggacct	aaacactcaa	ttgtggtatc	gttattcttt	tgctgcccct	66660
cccgccatgt	tcccgactct	ctcctgctct	cttttccttc	gccccacctc	gagtgttgtt	66720
tctttttgtt	ctgtgatacc	ctgacaaaag	caatgcctac	atgcgggggc	tggtccgttc	66780
ccctgtctgt	ctgttcaggc	caggattcca	gccaagggaa	tggcgccacc	cacagtgggc	66840
aagttttccc	acctcattta	aagcaatgag	gataatcccc	tccacagagg	tggccaagtc	66900
agtctcccag	gtgatcctgg	gtcctgtaaa	ggtgacagtg	gacactgact	gtcatggcag	66960
ctgtgtgttg	tgcttgccct	tctgctctct	cctgccatca	cctccttaag	gacagtgacc	67020
aaaccttggt	catacccttg	tccctgatgc	ccagcacagt	gggtggcacc	tagggagcac	67080
tgggtataaa	tctcccggtc	ctcaccatcc	tcccatttct	cccgcgccag	gattacctca	67140
cggatctcat	caccaatgac	agtgtgagct	tcttccgaac	atccaagaag	atgtaccac	67200
acaggcccgt	gtcatgggtc	atcagccacg	cggctcccca	tggccccgag	gactcagcac	67260
cccagtactc	acggctcttc	cccaatgcgt	cccagcacat	gtaagcctca	gcctccactg	67320
ggggtgggag	ggctccgtcag	ggcttaggga	caatgggaca	tcagcaatgt	agttgaacct	67380
tccttaaaac	attcctgggt	aaagggccca	aaagctacca	tgccagcact	tgagagggtc	67440
cccaggaggg	tcaagagtac	aaggccagcc	tcagctatgt	agacagttga	ggctagcctg	67500
ggctatatga	gatgctgttt	caaaaaacaa	atagacatca	agagcaggga	aaggggaagc	67560
tatgtgggga	gatgggttccg	ttgctaaggc	acacaaagat	cctgggagac	cgctgctta	67620
tcagggtcag	ctctgcggca	cagaccagcc	agcctgtccc	tagcccctgg	cagatgcctt	67680
ctggctggga	ttcatctcct	cccactcaga	agctcagcat	atcccctgtg	agcctgtgtt	67740
tatgtccgac	ggagcctgta	caaagtgtct	gagaggggga	acttaggaga	gattgacttt	67800
tgttcccagt	tcaaggatcc	agcccatgat	ggctgggagg	gcatggtggc	cagagcagga	67860
ggcagctggg	cacattgcat	ctgcagtcag	gacacagaga	tgaatgctga	cacttttatc	67920
catctgtccg	ggaccctagt	ctatgggggtg	gtattttccca	catccgggca	ggttcctacc	67980
tcttgaacca	cctcacagt	ccttaggtga	cggcaagtcc	agcctgggtg	ccaacaaaca	68040
ccatcacagg	gtccacggct	acaccagcta	ctggccgtgg	aaaacctcag	atcttcatgg	68100
tgacctgggt	gtaccagttc	tctgttgcca	catagcaagt	gactccaaag	tttaacacca	68160
ttgaacaaac	agcaaacaca	catcagctca	tgacctgtg	ctaggagcct	gggtcagtga	68220
gctgacgtcc	tgaccccgat	cttacttcta	gctgtatggg	cctctccatc	ttcaatccag	68280

aaagagaaag	aggcaaagat	ggaagcaacc	atcccatctc	cctgcacagg	gcacacacct	68340
cactgtgcca	tcagagaagc	ctgcatagga	gtgtgaagat	caaaagaggg	tcattaaggc	68400
cacctttgat	gctgtctcac	ttagtgtccc	catttttacag	acgaggaaac	acagagggtca	68460
cccagcttcg	ataccacaga	acctggattc	aaaccacagcc	cccaccacag	cttcccacct	68520
caccgccacc	ccgttagcta	gtacagcttt	ctagaagata	ttctggcttt	tctcggcctc	68580
agactatacc	tcaggctcag	cagtgcacct	cagcagccct	tgctgtgaca	ttctggggta	68640
gcaaggacag	ggtaatttgg	actcctcctt	aatatccagg	gtgtttaatt	ttcattacgg	68700
tcagaatgcg	ccaccctccc	ctcccccggc	tcagctctaa	tgacttcctg	acagtgtgcc	68760
acccttgagg	ggattacagg	gtatgttagc	cttctgacct	ctggacttct	gggaggagca	68820
gacaggagat	aatgaaccac	atttggggag	cagtgggcta	ccctcaccct	gagagcccca	68880
tagagtgtct	gtctgcctgg	ctgcctcac	ccattgcctt	ctaccctcct	tcccagagag	68940
agaggccaac	agtgtcccat	cctgggccaa	gttccctacca	gaggggtgtg	acatgtgaca	69000
ctgcctgctc	ctgtactgtc	cctttgaaat	gaaattacag	actctgacaa	tgaatagcaa	69060
ggggcttgc	tgtccagaga	ctctccaggc	cactatgggt	gctctgggag	gctcctgccc	69120
ctggaagaca	gtggctccta	acagttctgc	aggatggtag	ctggtccagg	agaggaaaat	69180
ggtggcgtgc	agggccttct	ggtaggcatc	tctccctcac	caagccagcc	tgatccatgc	69240
ccctggagca	gacttttctg	gctgtaacaa	acattactga	gctcatgaca	gccctgctca	69300
cttccctctg	tctccctcag	atgccacacc	catgcagaca	cgctttcaga	tgctgaaata	69360
tagacgcgta	ggaacgtggg	gcacatagca	catatacaca	aacatacatg	ttcagacaca	69420
tgcattgggca	cgtatagatc	catgtacatg	gcacatatat	agagacacac	catacacatg	69480
cagataaata	caacagtcac	aaaagaactc	acacagagac	aaacacaggt	aaacgcagtc	69540
agacacacac	cacaaaaaca	accacatgca	cacacaaaca	cacaagcaca	aagatacaca	69600
gagccataca	tgactagggt	aacatacagc	tacaaaagct	cacagaccgc	cacagacatg	69660
tgcacataca	cctggcagcc	ctcagcactt	cttccagcat	gtgatatctg	ggagcaagac	69720
ctcccaagac	ctgtgaagac	aggggctgtg	atgacatcac	agcctgtctc	tctgaggctc	69780
atggtataag	gggtcccact	ggacgatatg	aaggagggtca	cctctgtgca	tcacctcggt	69840
taaggaaaag	gggtggccaa	ctgaaggatc	tttggggaca	cccagacact	cttcagggtat	69900
ttgaggagcc	cagcctgggc	caggtgacta	gctggctggc	ccaggtcctg	agttaggacg	69960
cagctctcta	gcttctgatt	ccatagtctc	ccagagtga	aggctgacag	gagtcactca	70020
ctggctccca	tggtcaccct	ccacacaaga	gcctgccaga	caggcctcct	agtgaagtca	70080
aggatagcta	ttgtatcctg	gtgtctaagc	tgggtcacag	ggagtgactt	cctcatagtc	70140
cagaagacag	tgtggctcca	ccactacaca	ggcagccccc	gcagccctt	ctagctccct	70200
gagacaagga	ggcatgcttc	caagaatgtt	ctacacacag	gtcatgccct	aggccagccg	70260
caagggacac	gggcatttct	cataatcaaa	gaccatgtgt	gcagggaggg	atttagcagc	70320
aggaagcggc	ccagagctgg	ggagccttga	ggccctggct	tccccacaag	cacacagtag	70380
cagtttccca	actgttggac	tgctgcaagc	taccatgggt	ccatctctgt	acaagacctt	70440
ttgacatgtg	acagagtacc	gaggtcccta	ggtaggggcca	gtgcccgaag	tggtaccagg	70500
gagagcactg	gctgttctga	caagaaaacc	cgccctcctt	ctgcctcaca	cagcctccca	70560
tccccctcct	gactccactc	tgattagcct	gtctgtctcg	agcaagaaac	aactcaactg	70620
ttggctgtaa	tttcagctta	ctggggtagg	gggtggaacc	tgaggggact	gggtgctcac	70680
attttgagac	ccagtggatg	gcagagtgat	gccctccttc	ggtgggttag	gttcagattt	70740
acagtttgtg	tttttttgtt	ttgttttgg	ttttgttttg	ttttgttttg	ttttgttttt	70800
tgtttttgtt	ttccccagag	aaggtgtccc	tctctgttca	agcaagcctt	gaactcctga	70860
tcttccccac	ttagttcaaa	gagcgacca	atcacaactg	gaagaataat	tgtgacaaaag	70920
aatcaaaaaa	catgtcttgt	gtcccaaagg	tggacattct	tggaatgcgt	gggccctgca	70980
ggcacaactg	tgacatactt	aattttttaca	cctatttctt	gctgtctcaa	accaagactt	71040
aatgcaaaga	gtccacctac	ctgtaatcct	ccctttacca	gagtgcagac	cacctgtgtg	71100
ctccagggct	gagaagtcaa	tagatgcaat	gcaggggtgg	gaagtggacc	tccagttctg	71160
ggcctgagaa	ggctctcaac	tggagcctct	ttgaaaggtg	tgataaatga	ataccagaaa	71220
gttttcaaag	gaagactcat	gccaagctgc	tggctttctg	cacttggggg	aattcatgtc	71280
catttaaggc	tctgccacct	cctgaagggtg	gtccctcccc	atttacacct	tagaccagtc	71340

cacttgcccc	caactggagt	gagctgttca	cggcacttgt	cttgactgoc	tttgtttgcc	71400
accagcacac	cgagttacaa	ctatgcaccc	aaccagaca	agcattggat	catgcgctac	71460
acgggaccca	tgaagcccat	tcacatggaa	ttcaccaaca	tgctacaacg	aaaacgccta	71520
cagaccctca	tgtctgtgga	tgactccatg	gagacggtag	gctccgcccc	tgccccgccc	71580
cctggcaagc	ctctgacctt	atctgaaaat	ctaagtcaaa	gagccaaaca	ctatgccaac	71640
ttgggaaagg	ggcttggagc	aatccagagg	gaaggctttt	gactcctgaa	attttcccat	71700
gagtcctttg	tgcttgatga	aaccacagtc	tttgctgctt	gatgaaacca	cagctgcttt	71760
tctttcttaa	aaaaaaaaag	aaagaggggg	ctgatgagat	ggcttatcgg	ttaagagcac	71820
tgactgctct	tctggagggt	ctgagttcaa	atcccagcaa	ccacatggtg	gctcacaacc	71880
acccgtaatg	agatctgaag	acagctacag	tacacttaca	tataataaat	aaataatatc	71940
tttaaaagaa	agaaagaaag	aaagaaagaa	agaaagaaag	aaagaaagaa	agaaagaaag	72000
aaagaaagaa	agtcaggcgt	gggtggcgcat	gccttttagtc	ccagcacttg	ggaggcagag	72060
gcaggcagat	ttctgagttc	gaggccagcc	tggtctacag	agtgagttcc	aggacagcca	72120
gggctacata	gagaaaacct	gtctctaaaa	ccaaaaagaa	agagagagag	agagagagag	72180
agagagagag	agagagaggg	gaaggaagga	aggaaggaag	gaaggaagga	aggaaggaag	72240
gaaggaagga	aggaaggaag	gaaggaaggg	actagagtct	cattctgtat	aaccaggaa	72300
ggtgtagaac	tcattaagta	actaaactgg	cctctaacc	atgaggagtc	tcctgtctcg	72360
gcctcctgag	ttctagaatt	acatacaaaa	gctaccatgc	ttggctgctt	ttatttctta	72420
aaaaaaaaaca	aaaacaaaaa	caaaaaaaca	aacaaaacac	aatatcaaaa	acccacttaa	72480
aagttagta	gctttattga	gctataactc	atacactcag	ttaaagtata	caacacaatg	72540
gggttttttg	ttttgttttt	aagacagtct	cctgtagccc	aaactggcct	agcactcacc	72600
tcctgccttc	acctcccaca	ttctaagatt	ccgatgtgt	gcctcgtgca	cggccctcac	72660
tgacttgcat	tcactcagag	ttctgcaacc	attaccactg	tcaagttaga	acattttcat	72720
ccctccaggg	ggattaaaca	ccttccctta	gctgtcacc	cgtctctgca	ggtactaagg	72780
tcttcctgtc	gtcactctgg	acatttcatg	caaatggatc	ataaaaatgt	ggcctttggg	72840
gactgccttt	tttcatgaaa	gcacagtttt	caagacatgg	cgaagtctgt	atcacaatgt	72900
ccaggacccg	caggctgggg	aagtctgact	ccaaaagtt	gtcctccgac	tttcacacac	72960
gtgatagaat	atactacaca	cacacacaca	cacagagaat	catattccac	tgtgtgggct	73020
aacagcttac	tcaaagggga	tccatagcta	tctaaattta	aatcaaaaata	ctataaaatt	73080
caaactccat	tccttggcca	cacacaacat	agttcatatg	ctccatagcc	acgctggaca	73140
gttgacagac	ctcatgcagg	attctgtttc	aggttaccaa	ctcccaccct	ggccctggcc	73200
acatctagcg	ttgtttcctt	ccttccttcc	ttccttcctt	ccttccttcc	ttccttcctt	73260
ccttccttcc	ttcatgcatt	catgcattca	tgcattcatt	cattcattca	tgcatgcatt	73320
catccaaggt	catttattaa	gggtcagtc	aagtgcacaa	cagctgccag	agagcaaaat	73380
acagagaccc	ccacacagca	agacccacc	ccataggaac	tgccacaga	caagggacag	73440
atgttaacaa	gtgtaagaga	caggataagg	gagtcagttc	cgggggcctt	gcagagaagt	73500
ggacttgccc	caggcatggt	cgagatggga	ggtgtgctga	gagcggaggg	ctcccacgag	73560
gccagccacc	tcacctctgg	cctctgttgc	agatctatga	catgctgggtg	gagacggggg	73620
agctggacaa	cacgtacatc	ctgtacaccg	ccgaccacgg	ctaccacatt	ggccagtttg	73680
ggctggtgaa	gggcaagtct	atgccgtatg	aattcgacat	cagagtcccg	ttctacgtga	73740
ggggcccca	cgtggaagct	ggctctctgt	aagtgtgtct	cctgtgcccg	taccccaggt	73800
cccaggtca	cggggagacc	ttggactctg	cttggctctga	aactcagcac	aggtccaatc	73860
cacgctctc	aggggcaaga	ttctagaaca	gttgtaaccag	ccattgtgtc	ggccagggtg	73920
gactccgagg	agggtcatac	ccttctgagg	cggaagccag	gagctatgac	tcccatgaaa	73980
aacagcgagg	cggggttccg	tgccaggaaa	tgccagagcc	tggtgttgc	cagctcatgg	74040
gaaggttctt	tgattccac	cccgtctggg	cagtcactgg	tctggtggct	gttgaggaag	74100
agatctcaga	cttaagcaga	gagccattgt	ccactgggccc	tgctcctggg	ggcaacaccg	74160
agtaagctgt	ctgccgtctg	ctcttctctc	aaggaccgtg	tgggccatgg	ccttagccgt	74220
tctccttggc	ctaacctttg	aagtggcaac	cggaaacaga	accgcttaga	ggaggcagag	74280
ttgaatgaaa	ggctggcaat	cgcggccgcc	tcatctctgt	agcagctggg	gggctggggg	74340
aggggggggtc	aaagtccagt	caggtatatc	cagagggagg	actgggactt	gcacagccca	74400

tcttccacgc	cagcaaggga	gagaggcagg	aggataccgc	cagtgagacc	gctgaacatc	74460
tgtccacaga	acagctggag	cgccaacceca	tccctcatag	tctttgccgg	gccccctctca	74520
catgggtggc	tactgagtgg	atcacccctaa	tgtgatccca	ggagtggggg	cccccaagcct	74580
atggggcttg	tcaccagact	ccttggttaag	agctaaaagc	gacacacggc	tgcctcgagg	74640
aaaatcattc	tgggtcgagt	ataacagggtg	ctcagaggcc	agactgtgcg	tgcccagcca	74700
gcaagaacca	acaagagggc	gggcatgaac	cctagaggca	gaggaggata	gtattagggc	74760
atgtaacctt	gacagtgcag	caccggacgg	tccggctgga	actggcctcc	ctacgggtca	74820
gagtgtcagg	atggaagctc	tctcattttgc	agatgtccct	ccctcttcac	ctccagatgc	74880
ctctgtccca	agctaagctg	ccacccaggt	ggccaagttt	ccactccctc	tctgttcccc	74940
aggaaccccc	acattgtcct	caacattgac	ctggccccc	ccatactgga	tatcgctgga	75000
ctggacatcc	ctgcagacat	ggacgggaag	tctattctca	aactactgga	ctcagagcgg	75060
ccagtgaacc	ggtgagaagg	agcaagagag	accaggggaa	ggagggtccc	tagccagggg	75120
gaactcaacc	acgggggaact	gggaaggcca	ctggaatcag	gatctaggtg	ccccccacta	75180
acccatgaga	gattgaagga	ccagccctct	ctgggattct	atcctcccat	ttggagctaa	75240
ggaccttcca	aagctaaaag	gatgaaaagc	ccaaagttaa	cagtagcact	gtgctgtgcc	75300
ccgggcactc	cagcacgttg	gccctcatag	taacccagta	aaggaaagt	gtgttctctg	75360
aatcctagag	agatagagga	taaccaagaa	gtcagactct	tcgtcacaat	ggctatgact	75420
tttgtggccc	tattgatggg	tgggtgggact	gaccgggagt	gtgttccagg	tgtcctgggt	75480
ggctgaagga	agcagcaatg	aaatggggaa	aacaaaacaa	ggaagggtgga	aaggaaggtg	75540
gctagagatg	aggaaccaga	aaggcaggag	cgaccccttg	tgggtcaacag	tgaaactgcc	75600
ccctggataa	cagatctttc	tgtgagcctc	tcctagactt	tcctcccagg	gggcccagcc	75660
ctgagatcta	cagggtggctg	gtggccctgt	aaggtcggta	catcttccaa	cgaagggggc	75720
tggaagggtc	taaaatggac	acatgcagag	tgtaggggca	caggacactt	gagaatcggg	75780
gaccacaagg	ggtcgctcct	gcctttctgg	ttcctcatct	ctagccacct	tcctttccac	75840
cttcctttct	gttttttttt	ttttgttttt	ttttttcccc	catttcattg	ctgcttcctt	75900
cagccaccca	ggacaccttg	aacacactcc	cggtcagtcc	caccacccat	caatagggcc	75960
acaaaagtca	tagccattgt	gacgaagagt	ctgacttctt	ggttatctca	tagatcagga	76020
gaaatgacct	cctgcaggca	ctcattagcc	cagaactggg	ctcctgagag	actccaaaac	76080
tcacacacaa	acacacacac	acacgtgcaa	atgcccattg	aactgtaccc	atttcaacca	76140
caaagaggca	ttcagaacac	atcttgga	agcagccctg	tccttggggg	gtggaaacct	76200
ttccagtgtc	actcaatgac	tgccacttgg	cccagggtat	ggagaacctg	tggacagggc	76260
tggggacacg	ggaacccggc	agacaggatg	ctggacctgc	ttgttttcta	ggttccactt	76320
gaaaaagaag	ctgaggggtc	ggcgagactc	cttcctggtg	gagagagggg	gagtgcgggc	76380
cgggcaggaa	gacccccatg	aggagtggtc	acaagactgt	gggaggctga	atagtgtgt	76440
gctagtgaact	gggtgactca	gagctgtgtc	caaattccct	gtcacaattg	gggtggctcat	76500
gcagaattcg	aatctggagg	ccacatgtcc	ccattcaaca	tacttggcag	agcctgtacg	76560
atgtcatcac	tgttcattta	atcctaactc	aggccatctg	ggatagacag	ctcctgtaga	76620
cttcccatta	aaacccagggt	gctctcaagc	caccagccac	ccatcctcca	cagttaggtct	76680
ccacagagct	atgcaggggc	ggcagcctag	gcaagcacia	gttgccccag	ggctccaccc	76740
agttcaacca	gccccgcac	tccttcagca	aactgtccca	caagagggag	ggtgacaaa	76800
tgaatgcccc	ggaggagaac	ttcctgcccc	agtaccagcg	cgtgaaggac	ctgtgtcagc	76860
gagctgagta	ccagacagca	tgcgaacagc	tggggcagggt	gaggagatgg	cggatcttct	76920
gggtcctctg	gggtgtggtt	gccatggtta	catgggaggc	tctggtccct	gtcagggtag	76980
cagtgtcctc	tgggtgtgtg	accttgcact	cctcatgtgg	gaaaacacca	gcaggcaggc	77040
tcaggtggca	aacagcattc	attgcctccc	agctgacttg	tgtggtataa	ctctctgcgg	77100
ctggcttccg	tttatagggg	gattaggaaa	tagctttcaa	gatttttttt	ttaaaaggac	77160
attgattgca	aaagagacgc	taagtaaaca	tataaccctg	gtagtatcca	gggagagaaa	77220
gagccggcgt	ctggaggagg	cctttccaag	gtgagctata	gagattgggg	agggatagtt	77280
agccgggcat	gagcctcaga	gggcaggggg	acaggaggag	aggagtgaga	gatgaggggg	77340
agatgtgggc	atgtggaacg	aacagaagtt	gggggggggg	gatggcccaa	accaagggga	77400
gcgaggacag	caaggagctg	tgacatcgca	gactctggcc	accgggtgag	tggactggta	77460

aggagagggc	aggggtgaacc	agaccttgag	aagtagtcaa	ggacactggg	ctactatccc	77520
agctccagca	cacctccagt	tccccccagc	ccgggctatg	tctggggcga	ggctctcttc	77580
ctcttagtgc	tttctctcag	agtggagatc	gtgacatagc	tctttcatgc	caaagtttga	77640
gttgactga	aagccgcac	catgagcact	ggaagagaat	gggggagggg	ggctgaggaa	77700
gagcagggat	tagaccaggt	attagcagct	cagatccaag	ggaggctgac	caaccacat	77760
gaggacataa	ctttaggcag	acaggggctg	tattggtgaa	cgccatggta	ggtccagcta	77820
agtgtggaca	ggagggagaa	acaggcagtc	ggagttggca	cgggtgtggc	atttgccaag	77880
ctgagcgtgg	gcaggaggag	aggtaggtgt	ggcaaacagg	atggtgggga	tggggggggt	77940
gacacctgaa	gccctgctgt	gtcccacaga	agtggcagtg	tgtggaggac	gcttctggga	78000
cgctgaagct	gcacaaatgt	aaaggcccca	tgcggttttg	tggcggcggt	ggcagcagag	78060
ccctctccaa	cctggtgccc	aagtatgacg	gccagagcag	cgaggcctgc	agctgtgaca	78120
gtggcggtgg	aggggactac	aaactgggcc	tggctggacg	ccgtaagctc	tttaagaaaa	78180
gtaagtgtca	ccagcctgcc	caaagttgag	aggatgagca	gccatggctc	tggctgggcc	78240
atgtgaactt	tcaaacaact	ccacaggtgc	tcgctccagg	cctgcaggtg	atcctaggag	78300
ctagggacac	agccaaagcc	ctcacacaag	ctccaattca	agagggcagc	agtgtctggg	78360
caggccacta	gggggcagta	tggacatgga	ccaaaggcag	gcaatggagc	caactgggcc	78420
ctgtaggctt	ggtgtcgcct	tctggggggg	ggtgggggga	gtaggatggg	gctctaattc	78480
ggagcagggc	gaaatgataa	ggtcaacggg	ttctcaaac	tccctcaaat	gacctctcta	78540
atggtgagag	cagcagacag	acagctgagg	gactgacaag	aagccaagtg	gcatgttttg	78600
gccttaatgt	ccaaagaggt	ctagtattga	cttgaaggaa	aagccatcag	agcatactga	78660
ccacgtgctt	ccacagtcga	cactggcgag	tccccctgct	cccaaacgc	atctgtggcc	78720
cacacgtgtg	gaggtcgggt	catcttgacg	gagttagctc	tctccttcta	ccacacgggc	78780
cacggggatc	aaactcaggt	gtggaagcat	ctttacctgc	aaaaccacct	cactggctct	78840
cctgacgttc	aagtgtgtta	gcctgcccag	tgtaacgacc	tcccgatgac	ccacttccgg	78900
ggatagctct	cccaagccc	cacagcatgc	aacactgaga	ctggaacttg	gggttttacc	78960
cctgtcttga	ttgaaggccc	atggctgggg	ctccctggac	agcctgtccc	agcctctctg	79020
acttatcatc	cctcctggca	cccacagagt	ataagaccag	ctatgcccg	aacogctcca	79080
tccgttccgt	ggccatcgag	gtggacgggt	agatatacca	cgtaggcttg	gatactgtgc	79140
ctcagccccg	caaccttagc	aagccgcact	ggccaggggc	ccctgaagac	caagatgaca	79200
aggatggtgg	cagtttcagt	ggtactggtg	gccttccaga	ttattctgcc	cccaatccca	79260
tcaaagtgac	ccatcggtga	gagtcctggc	ggaggttggg	ggtagagggg	caggctgggc	79320
ctctcttctc	ccctcggggc	cggccactca	tgaccttctc	tctggagcag	gtgctacatc	79380
cttgagaatg	acacagtcga	gtgcgacttg	gacctgtaca	agtccctgca	ggcttggaag	79440
gaccacaagc	tgcacatcga	ccatgaggtg	tggccactgg	ggcagcacag	gctggcgggc	79500
agcatccaca	ggaagggcgg	ggggcctggg	gaggggagaa	agcaagattg	gtcccccaga	79560
atccatgacc	ccatcccaga	ataggaatct	gagtcatggg	gtctggaagc	cagccaaagg	79620
tccagctcag	agatggctgg	ctggctgggg	acagcgcagc	atactttatt	tagacctgtg	79680
agacaccccc	ctatagagct	tgtctctcgt	acagcctccg	taggctctgc	tggcggtagg	79740
aagagtctgt	tccctcaggg	aggccccctt	ccacgggcag	agccacaaac	gtagatgtgg	79800
ctgtaccctt	cccaccgcga	gtcacccctg	ggttcctagg	cttctcccat	tccctccctc	79860
agatcgaaac	cctgcagaac	aaaattaaga	accttcgaga	agtcaggggt	cacctgaaga	79920
agaagcgacc	ggaagaatgt	gactgccata	gaatcaggtg	agagagcagc	cccggcccca	79980
ctcaagccct	ggacaccagt	gcgtcctgcg	gatacacggg	gccctctcag	cactggaccc	80040
tgtctgtcaa	gataaggagc	caataactct	catcagggaa	actcagggac	cgcccccg	80100
ggcgggggtc	ggctgagctg	tgtttgggca	ggccccagcc	ttggggcaca	ggcttctgct	80160
cactgccttt	gggaactgct	gggctgccac	tcagggttct	gcctgcctga	gagaacttcc	80220
cacacagaaa	gacatggagt	ctctctgcag	tcactgtcca	gggtggcagt	cacataacac	80280
ctgtgactgg	ggaacctgga	gcaagaattt	tccttggttt	aaattgaagg	agccacacag	80340
ttctgaacac	ctttgctgac	tcgggccagt	ctcaaagccc	ccttctaagc	atgagggtaca	80400
tggatatgata	caaatcggcc	ttcagaggcc	acggctgaca	ccaactgaag	ccaggcccag	80460
cctccagctc	gggttaatta	tttccgtcct	gacctgttaa	agtctgacat	ggggcatcta	80520



aaccaagcat	ggagctggca	accaggggga	tacagtccc	tccatccac	ctaggaagg	80580
gtgcagtgag	caagagcagt	gaaccccgt	gcatgctgc	cagagtatcc	tgcaagctc	80640
tgactcttg	ggactggggt	gggggggtct	gttgagtta	ccacagccaa	cacaaaggcc	80700
gtctcaagca	caaaggctcc	agcctgcacc	ctttcaggt	agggtaggga	taggccaaag	80760
gggtaagggtg	ccatgcctac	ctgtctgtag	ctaaaacaca	caaggcacat	tcaggctggg	80820
ctgggttttc	cctgggaggt	gaggtctacg	cagtcccttg	aggggcccc	ggttcataca	80880
aagactggtt	agatatggta	ctgtagccac	actaagcact	ggacacccat	ttctgccgct	80940
ggtgggtggg	gctgaaggag	gccagaggag	gagaaaggcc	ctggggtctg	gcccctagctg	81000
tggcctggac	aacagaggga	cttagagccc	ttgatgacgc	tgcccaacca	ctggggcgaa	81060
ccacaaggct	gaggtcattg	aaccctcaga	ggtcctaagc	gtgtgtggtc	ccctgtgccc	81120
tcaggaagg	tctgcaggag	aaggacaagg	tgtggctgct	gcgggagcag	aaacgcaaga	81180
agaaactgcg	caagctgctc	aaacggctgc	agaacaacga	tacgtgcagc	atgcccgcc	81240
tcacgtgctt	taccacgac	aaccaccact	ggcagacggc	gccactctgg	acgctgagc	81300
aaatgggcag	gcagggcctg	ggaggcctgt	gtgtgggcaa	gcagaggcag	gcaggggaca	81360
ggggagtgt	gtgcatgagc	aagcagggac	aggcagagaa	tgggaggcct	gtgcatggcc	81420
acctaccttt	ccctggcttc	agagggccaa	actgctagag	gtgtcttaga	aacctgtgct	81480
tgtcacttg	catttgagag	cctgtctcgg	ggaggctgtc	tgaccgactg	tctctctgcg	81540
ggcacactca	ggacattcac	tcttccttcc	acagtggggc	cgttctgcgc	ctgcaccagc	81600
gccaaaca	acacgtactg	gtgcttgagg	accataaatg	agaccacaa	cttctcttcc	81660
tgcgaatttg	caaccggctt	catagaatac	tttgacctca	gtacagaccc	ctaccaggta	81720
caggcatggt	cagggagaca	gggagacagg	cgtgtgagac	acaggcatab	agctgcagaa	81780
gagaagcccc	tcacggcccc	taagcctgga	agactgagtt	ctgaggccac	ttggagtctg	81840
ggactctgtg	ttgtccacat	gcgtctccct	ccattgccct	gtgtccgatc	tacagtccag	81900
ttcttccctc	ccctcaggc	agactgccta	cagagctcag	caggtaacttc	tgtggaccct	81960
tgatcagtag	agctacagga	tcaggccacg	ttctggactc	tctaggctgc	catggagagt	82020
acagacaagc	aaccctaaca	tttaccacgc	atgcacccaa	gacaagctct	gtgcggagtc	82080
tccctccttt	ggacacacct	cagcacaggt	gtgactgcag	tggctcagag	ccgcacaaga	82140
caaccacaag	cagcaaagct	cctaaaacca	gaaccctgct	ccttagccat	tctggaagg	82200
gaccttggt	atgaccaacc	actcaacctc	attcaaaaag	cccgcacacg	ctccatacac	82260
tgtgacttca	atatgtcagc	agccatggcg	caagtagcca	gagaccgcca	gttttccctc	82320
tctgacactt	tagcccatc	tttaccaaag	aggggtggcag	acatcgtcag	ttagtaacca	82380
tcagtagtgc	cagactaggc	aaagccccaa	ggtccctggc	ccactccat	accaagtctc	82440
tccatcaaga	ggaacaaaaa	ggtcaaacct	aaggtagacc	tgcggaacct	ggctatgcaa	82500
gatacccaat	ggggggctgg	cgagatggct	cagcgggtaa	gagcactgac	tgctcttccc	82560
aaggtcctga	attcaagtcc	cagcaactac	atggtagctc	acaaccaccg	taatgagatc	82620
tgacgccctc	ttctggcgag	tctgaagaca	gctacagtgt	acttatatag	aataataaat	82680
agatctttgg	gccggacct	gcggggggcc	gaccaaagca	agcagaggct	ctaaaaaatt	82740
caattcctaa	caaccacaag	aagactcaca	accatctgta	cagcaacata	aaaataaata	82800
ataaataaat	ctttaagaga	gagagagacc	cagtgggcag	ctgcagaagt	tcaaggtgaa	82860
acccacaggc	atggtttgtg	tctcctctgg	aatttccatt	tccactgagc	agacctggca	82920
gagtacctga	gccttcattt	atctcccagc	actgtggctc	ttgcagaaat	aaaggttggg	82980
tattgatagt	cacccacccc	ccaccccata	gctcctgtac	tcccagccca	cctgagttag	83040
gtgctctggt	ttgaggagat	ggaggtaggg	ctcccagaac	actcctgtt	gacagctccc	83100
ctttcccatc	agctgatgaa	cgcggtgaac	acactggaca	gggacgtcct	taaccaactg	83160
cacgtgcagc	tcatggagct	aaggagctgt	aaaggctaca	agcagtgcaa	cccccgacc	83220
cgcaacatgg	acctgggtga	gttggcacga	gtgcagcctg	cagagaagag	agtgtatgtc	83280
acgtctgccc	caacgatgag	cccagaatca	caggggaagg	tacagagaag	ctgtgcttcc	83340
aggagttag	aagccacaca	atctatacag	gacactgact	tctcttctct	gtttcgctcc	83400
cttttgttca	ttcattcttc	atgaagaact	tagcctcctg	agttccttgg	gcagcaaattg	83460
tatgggcaag	gtgtggagct	cctcctggcc	aggaccata	ctgggaggca	tctggcttga	83520
acggagttag	acgggggaccc	gcaatgcaat	atgctgtgat	cgtagctct	gcgatagaac	83580

aggggcgacc	actgtagagg	aaacaactgt	caattgcaga	ggaaacatgg	agcgctggga	83640
agtgggaggg	gcatgaagcc	atccagggtg	gctgcaacag	aaagtgactg	acctggcggc	83700
caggctctgt	gggcccagaaa	ggaaagtcta	gactccattg	ctttggagaa	ggatgctgga	83760
agggtttgca	tttgggcagt	gaaagtcaac	attttaaaaa	gacagtgatt	attaagtaga	83820
agatgaagct	ggatccagta	aatagtgcc	cacactatgg	ttatccaggg	agagcgtgct	83880
cagtaggaga	gatgatgcca	gacaggcaca	gtggggaagc	ccacatcaca	tgggtgattca	83940
agatggataa	cagaaaagga	ggtggcatgg	gctgccccct	gggtttgcgg	tgagcggggg	84000
aaaactggca	cttctaagct	caggatgcca	gctagatggg	ggttttgttg	tttttttttt	84060
ttttcaagat	gggatctctt	tgtgtagcct	tgactgtcct	gtaactcact	ctgtagacca	84120
ggttagcctc	acgtccttag	agatctacct	gcctctgctt	tccaaatgct	gggattaaag	84180
gtgtgtacca	acacacctgg	ccagctagat	gtcttaaatg	aggacatcat	gctattagcc	84240
tcagccagta	tagagggaac	cacaaaagcc	atggacatgg	aaggcctagg	gagacctgtc	84300
tgtcctaagc	tgctcctgt	tcctatcagg	aaagtgggaa	gttgaggaga	caggcccagg	84360
tgtgccagtc	tgcttgcaa	tggggggtgg	gggtgtcaaa	taaatggggc	gagagtgact	84420
gcagaggaga	aaagacacca	cctgactctc	aagtgtcct	ttgtgacagc	tgtggaatct	84480
cctataagta	ctgtgccaa	cacaccgcgc	caaataatg	tgtgtgggaa	ttctcacgac	84540
agccctgagg	tgactctatc	cccagcttaa	cagtgaagtga	agtgaatcca	ccgggtgact	84600
ccatacccgt	gctcttggtc	ataccaccca	cagccagtga	gccttgtgtg	gcactagtac	84660
ccacaccagt	gcctgcttcc	ccttctccat	cactaaggcg	attgccaatg	aaggctcaat	84720
gtatacgatg	gctaactggg	ctcagcaggg	ggcaacctgc	aagtgcacct	agcagactaa	84780
agggtttcat	tattccctct	gagcaaggaa	ccccagcaac	atccccgcac	tggcgttcag	84840
taaactgaag	gtggtcctcg	gctgtgtctt	cgttagcgat	cgcagatcgt	gctgatgctt	84900
gcaccatttc	gccctaaagc	gttcttattc	tgttcttctc	tcacccaggg	cttagagacg	84960
gaggaagcta	tgaacaatac	aggtatttgg	ggttgttctt	aaagtctggg	ctaagatccc	85020
ttatcttgac	ctgtcctggt	taaagggtgt	agctattgag	aaactgtctg	tctagggcat	85080
aatgaccatc	agtgatagat	gtcgtctcag	acaccatctt	tacacagccc	ctttggaggg	85140
aggaacaaa	tgatttcctc	aatgggtgtt	aacacgcatt	ttccttttgg	catctgaaaa	85200
tgtaggcagt	ttcagcgtcg	aaaatggcca	gaaatgaaga	gaccttcttc	caaatacactg	85260
tgagttgaag	aaccagtttg	cagacgagca	gagctgggtc	tgacttgcta	gttttgttgc	85320
tgctattgtc	tgggttgttct	tagtactggc	attgaagcca	ggaattgatc	atgctaagag	85380
ctctacacca	aactccaccc	cagccttaag	tgtctccttt	ccagggtggg	gtctatcttt	85440
attaccctct	cctcccctgc	taagatggta	taaagtcata	gctgcttttc	ctataagata	85500
atgtgaatac	atttcatatt	tcaaattaac	gccaatcata	agttgctgtt	ctctctgtaa	85560
gtctgggggc	ttgagctatt	atgtagcgct	gagaagtact	acaggtgaca	gacaccttga	85620
aggatgtggc	tgcagaagcg	ctgacagggt	gtgtccctct	cagcagaatg	gctgtcaagg	85680
gccatgtgca	gactgcagca	acctgcactt	gacctcatgt	ctaagggggg	taggggggtg	85740
ggtggggaga	agagccaatc	gttccccaa	gggtccaaat	tctttgccag	attctctcaa	85800
aagagcagtt	cttttcctta	cggcctaagt	actcctttgc	atcagccaca	tccttgaggc	85860
aacgcttgca	gtgtggggct	gacttaaata	cagataacac	tgtaatcaca	ggctgatgtg	85920
cactttgttc	tgcaggggac	agctatggga	aggttgggaa	ggctaagcgg	ccatagagag	85980
aggaacctcc	aaaaccaggg	gcctcgtgtg	gctgcccagg	ccatgcaaaa	aacacccgat	86040
tcccagaaga	tgaatgttgg	aactgggaga	cctgacagaa	ggcaggggctg	ctcttggggc	86100
aggaaatcct	ggaggacagc	gcctggactt	tccgatgctc	agtttctttg	ccctgctttg	86160
ctctggatca	aacctcactg	gctgctctgg	gatgctgtgt	cacacctgga	gtctctgtct	86220
accttttcag	aggctcacia	agacaaaagg	actaatttcc	atggacactt	cctccagaga	86280
tggaaattgc	tgggattcgc	ccactcctcc	cctgcacccc	tccccagtc	atctagggaa	86340
gcaagcttgt	tttaaccttc	ttactctttg	gagaaagcac	ggacatccca	ggtgctgtca	86400
acctcacagt	cttgacaaag	tctatagcac	aaaacagtac	cattcaccag	gctggttgac	86460
ctggctggct	cagaagctgc	cttcaccaca	tacatgaccg	ctcacacgta	accaacacag	86520
ggaattgtag	gggaatctca	ctaatatgaa	atcccgcctt	tcaagagtcg	cggtgtcaat	86580
aaacgctgtg	gctaggatca	aggataatcc	cttgagcttt	cagacattta	ttctgcccgc	86640

ggattcgttc	ctttgttata	catcccagaa	ctgatgtttt	tctaaggtag	cgaaacccca	86700
agttgatgtg	tgtcctgtgt	tttaatagaca	ttgtatttgt	aaagttttgt	agtataagta	86760
ccatcttaca	gtgttcctgc	ccccagccaa	tgtctagcta	ttggtatgaa	aaaaaaaaatc	86820
tttgaatttt	tgtaaaaggc	tatcttggga	cttttttgc	ctttattatt	atcattttttt	86880
tcttgaagca	ctcaagatgt	tgtcgacctt	cagctgaggg	ttggagaagc	agagggtaat	86940
acattaatag	taaacctctc	cgattcaagg	gacctcatag	gtaagtctca	ccagcttttg	87000
ggcatcgatc	tgtgaagcaa	agcatccaac	tgcaccaacc	ctttgttcat	ccaggtaggg	87060
taacctggtc	aatatggctg	ccagaaaagca	gctgtcagag	cttcggaggt	gggggtggaa	87120
atgtcagccc	aacccgactc	agcagagggg	gctcacattt	ctctaaacca	gcagttttca	87180
agctggggct	ccaacgaccc	tttcacaggg	gtccctaagg	ccatcagaga	gcacatttaa	87240
atgttacagt	tcacaacagt	aacgaagtca	cagctaagaa	gtagcaacag	tagcagaccg	87300
gtggctgggg	agccccacag	tatgaggaac	ataattaaag	ggttgcagca	atagggatgc	87360
tggagaacca	ctgggtctaaa	ctatcccaca	gttttccagg	ctcccaggag	aacgaactgt	87420
tccgacctcg	cagacacagt	gtcctcctca	ctccttatcc	cgctttcacc	cctgccctgg	87480
gtgtggagag	aggaaaagca	tgcggaggcg	gaggcttaaa	tagaaaacct	tatttacaag	87540
agcatccaga	cagtcggcaa	ggcatccaaa	gctcacccaa	ctgagtcacc	gaatggtttc	87600
cattccttgc	ggtgtaaaga	atgacaccat	cttaagtac	acttatataa	atgtgattaa	87660
ccccaaatgt	gttctcagtg	gtgtcgggtca	gttcttgaga	atttactgct	cttggagtga	87720
catttccgtc	ttcttcagaa	ctccttattt	tcaaaaagag	agaaaaaggg	aggaggcaag	87780
agaaaaacaa	aacaccgccc	tgtttttaat	cgctgcact	ggaggtaaac	acacctgttg	87840
cttcatggca	gggccagatt	cgagctcacc	tagaggctcg	ctcctggtaa	cactctactg	87900
cagatagaaa	gggactggac	tggcgtgttg	taaactggaa	actctctgca	cagtcacagc	87960
gcacctaccc	ctgaatcaag	ccaattatgt	gccctagtac	ccactgcctc	tggccccgac	88020
ccacctcagc	atctaattgt	gatgaaccgg	gtaggcctgt	taatgacagg	ggcacagttt	88080
agagagaaag	cgttctgata	ccaacagcaa	cagtacagct	tcattttattt	ttgaagaaac	88140
atgttgcctt	aatatcattt	ggatcttcat	aaaatacatt	tttattttata	tatcttttga	88200
ttcagcaaaa	aaaaaaaaaa	aaaaaaaaaa	aaggtaggta	ctggaaatgt	ccccacatca	88260
taaaagcaga	tgaagaagaat	actttttatac	catttgcctc	aaggacacct	aggtttaaaag	88320
aggggccagc	gaggagtggg	ggcgaggtag	gcaagaagag	tacaaaagaga	atgacccaaa	88380
aaagatttaa	ggacaattca	ggtaaaaaca	acaaattatc	tgagaggcta	ttaaaaggaa	88440
atccgaattt	tgaactggca	ccaataaaaa	tcagtaagta	gaaaatataa	aaacataata	88500
aacttcattt	gtctcccat	ataaaaaagg	ggtaccaacc	agttggcctg	gagctggggg	88560
gctgagggca	gaatcaagg	ctctccaagt	taagggaaga	gcaccactgt	ggcctacacc	88620
taagcatggc	gggctcaccg	cgcccagcca	gatcggtgt	cagcggcaaa	acacagcaca	88680
caatggaaac	gaggacagtg	agctgatcat	gaccaaagca	cgttgagaag	ccaagtccat	88740
ccacaggtgc	ttctggaaat	gtgagcttca	ctcacagaga	gttcagagaa	tgaagctgtg	88800
ctcccttggg	gggggggggg	gcgggggggg	gtggttgggg	gtggaggaca	actggctaaa	88860
cgtgtgactc	ttaaacattg	actggatctc	ggacaatgac	accagggctg	gtggagaaac	88920
aaagctacag	atggtttact	aacctaatgc	catctaactg	tttgaacctc	aggacccaaa	88980
taaaggcatt	acacttgggt	tccttacttc	acactgacga	ggacaggtgc	caagaggagg	89040
cagagagggtg	gcaggagggg	ctggcatgtg	ccaagggtgc	actctcactc	agtggcactg	89100
gcaggcctgg	ttctgagctc	agcaccctga	tgcggagagg	tagtaagaga	ccctatgagc	89160
tgaaccagag	gagaactggg	cagacaccag	accacacaca	gcaagggccc	ggggcctttg	89220
acctaaatgt	ggggctcagg	tcctagtaac	agacatcgat	cctaaaatga	tgagtgggct	89280
acagttttcc	aaaattatta	tcattttaatt	tatggactgc	ttaaaaaaca	caagattctt	89340
tttaaaatca	atttgcctcg	gttttgtttt	tagactcttg	goggttttct	gttttcgttt	89400
aaagctcatt	tccccatata	tattctttcc	ccacaaaatta	acaaagtgcg	tagttctctg	89460
gtaaagaaaa	tttttaaaaa	atttaaatgc	ctacatctaa	acaaatgac	ccttttaaaaa	89520
gcctttttta	agagtgaggg	ctgtaacacg	aggggagctg	caggctgccc	tgccccaggc	89580
tgggccttcc	agatgtctcc	gctgcctgta	acctcactgc	gtggagctta	cagaaatcaa	89640
caatgttaaa	tatttagctt	cacaaactct	gtaaaaaatga	gctgctgtgg	cctacaaaaa	89700

aggtatgtac	atattttcac	ataatacaat	atcttaaaga	tcctatttac	aaaggggaagg	89760
aagtgtgtcc	acagaagcac	tgctcgcttc	tgactcagag	tgaggagcct	ggccttgggt	89820
ttcacaagtt	tatttcaaag	cattattgct	ccaccatata	ggcaaagggt	gacgccagta	89880
cttgaaagaa	acaacaaaca	aacaaacgac	aatcgtgttc	ttgtcctaac	agattagtgc	89940
agacagaaag	caggaatgtg	gttcaccatt	cctcacgccc	tcaggaatat	tgcatttctc	90000
cgtgacttcc	tcagtaaagt	gcgcttggct	gcacattggg	gcgggaaaat	tcaatattgc	90060
catctcatct	tcccttcttc	aaagccattt	aacatcaatg	acaaatcctt	gagaattaca	90120
gggtacgggg	acctcaccag	gagagaccta	ggacgacaga	ctctggggac	tacacctgta	90180
aaggacaaga	gcgcagaaac	actgattgca	ctggacagga	gagcgacacg	aactacttgc	90240
tgacgacacg	cgagaaggca	gactgtgccc	cctcgtccag	tgctgcaaga	cagaaaccct	90300
agccatctag	atctacgtga	agactttggc	tggcgaggca	gaagggagtg	acgtaagaga	90360
gcggtgctta	cgaacacccc	atctccagaa	tcacatctc	atgaggcaga	acaccttgcc	90420
acacagaggc	agggcatcag	gtagacagtg	cgcttcagcg	agaccagct	ctgctcaa	90480
gacagcacag	accccgtgc	tggtcacgct	ggccttgctt	ccaagctgga	tgcttagaca	90540
atgactcgcc	gccacgtcct	gatgatcctg	tgacgtgtca	tctgtacagt	cagtccca	90600
agggagatgt	cagcagtatt	tctgttaaca	gaagaacaca	gggtcagcgc	agcagaaa	90660
cggccactgt	ctgtacactc	ctgaatgcac	cgccaaatgt	tttcaaaaca	ctgcagtagt	90720
ttgttctaag	ttatataccc	aagttaaa	ctccagacca	ctgtgacagt	tctgggaggc	90780
gtaagaatag	atgcccgtac	ctgatcgggg	cccatgggca	tgccagacat	gggcatggg	90840
gtcatggcca	tctgtcccaa	gtgcccaccg	ctgctgttca	tatgcaccat	gttgtaggct	90900
gcaggggtcc	cctggggagc	aaactgctgc	tggggggaagg	agctgcaaag	aaagggtaac	90960
agtgttactt	cttcagggaa	cacagactct	cacagttcta	tcaaacatcc	ctctacctga	91020
gcagaaaaca	cagacatctc	tgttgttgtt	gtttgagaca	gggtctctct	atgtacctct	91080
ggttgtggtc	tgagagctcg	taagtagacc	aggctggcct	tgaactcaca	gagatcctcc	91140
tgcccttgcc	tcccaaatgt	tgggattaaa	ggcacagagc	accatgccct	atctgagaaa	91200
agcttctgga	cagcctgcgc	tcacagacat	ggcacaatat	aaagcaacca	caaaacaagc	91260
catatgcctc	agttttctaag	agccaagcac	atgatctctc	catccagtaa	gtgtgactga	91320
gaaacagggt	cccggtattcc	ccactaggat	gtaaaagtaa	gtcccatcct	tacccattcc	91380
tggccagggt	ccctgacggc	caccccttca	tatctgaagg	ctgatacatg	ggtgtgggct	91440
gaggatgctg	caccatggca	ttctgggaag	gccccattct	tgatgacatc	attgcaactg	91500
gaggactcga	gcctcgacca	aaggctggct	ctgggtggtg	tccattcct	taaagaaatg	91560
aacagaaatc	agtgttcaaa	tgacgacatc	atggactttc	agcatcctag	aatcaccaaa	91620
gatggagaag	gaaggagaaa	aaaggctcca	cgccgatgct	ctgtcgttct	tgcttctcac	91680
taagatgaca	aagtcatcaa	tttagtaaaa	aaaaaaaaaa	aaaaaaaaat	gccatccagg	91740
gcaccgtggc	ggggcagggc	tgactctctc	aacaacacat	ctctgtccca	aaacctcccc	91800
aaaggtgggc	ctgaagcacc	gcctgcttaa	tataatcaca	gtaagtggcc	aagtcacaga	91860
aaaaagggat	ggcgaagccc	atactgggat	ctgcccctca	agcttgagtg	tccagagata	91920
tcacatggga	catgaagaac	aggcaagagg	aaggtttatg	tgatcttttt	caaataaggg	91980
gatgaggggg	tttgacgggg	ctaaaaaaa	aaaaaaaaaa	gtccagctat	gggaacacac	92040
actccttgct	tctgcagcac	actccagctt	cctgcagctc	cagacagttt	tccctggcaa	92100
caagatggag	tgagcggtag	ttttgttttc	acactcaacg	gaactggtgc	agcttggggc	92160
cttactaacc	ctactttgat	aagggcacaa	tctgacaggt	ttaccgtaat	ttgctgggata	92220
tggaaactgt	tgtggagggg	cttgcgcat	tgctgaacct	gccaaaaccc	cgtccatgct	92280
gggggagggc	gtgacgttgg	gaggtgggct	gaaggcctga	ggctgtggtt	gtgacatcat	92340
catcgccatc	ctctgctgct	gcaggtgatg	gctcatcagc	tctcgtttct	gctgggcagc	92400
catttgggca	ttaaagaaag	cctgctggta	gccaaagagc	acacaattaa	cttcatttca	92460
tagcatctca	caatacacca	gctatggaca	agaaagaaca	gagtgccttc	tctgtaacta	92520
aagggtagta	tacacaagcg	gttctttaca	cccggtggctt	ccaaacgctg	cccagtgagc	92580
gtccttctctg	tgacgggtca	gagggcagtc	cagaatccca	aaacactagg	cagttatctt	92640
acaacacagc	agctcatcac	aaagggaatc	aatctgggtg	agtttactga	tggttgtaat	92700
caagtagcca	cttctctcca	gcccctcatc	acagacaaag	cagagtgaga	gtgaaagacc	92760



acacacacac	acacacactt	acacacacac	acacacacac	acacacacac	acacacacac	95880
acttttaggac	tggtgaaatg	actcagtgcc	actcagtgcc	tctgccacaa	atgctgacag	95940
ttgactccca	gaggtgggtcc	tctgagctcc	atgtctgtaa	tgtgcatgca	atctgcacag	96000
acacacacaa	aataaaagtgt	aataaaaactt	tacaaatctg	ttgtttctccc	ataatttgtg	96060
aatagcaaga	gatgatttag	gtaataatag	gtcagccagg	aaaagcacct	ctgcagatct	96120
ccatctctga	gtgcaactccc	cagtttagaca	ctaaagggtgg	tcactcacca	ctgatcctca	96180
acaggtctac	ttggcaacag	atggcatggt	ccaaaggaaa	tgtcgggtgc	actgtgcacc	96240
tctgccttct	cccaggcccc	caaaccaaga	acacagtgag	cagcctgtcc	tgcaatttctg	96300
ctctgccacc	tatgctctcc	cactgcagcc	ttcccttgc	tgggtaaggg	tgcagtgtag	96360
actgaagttc	cttctcaggt	tttccctcttc	tctcacagtg	tttccctgtct	gggtacgctc	96420
agacacagag	gataactagc	tatcaaatta	tgcgttctac	ccgaaacatt	tctgaactca	96480
cttggccttat	gcaaatgaat	ctgggtgtcc	ccagcactca	aacttagtct	gcagagtaga	96540
aatcacgaat	ttacaattct	cccacttccc	cactagatag	aaaagccgct	ttcctccaat	96600
ctccccagga	ctccttccctc	ccgcctcctc	actactcctc	actatccttc	tagtctacga	96660
ggcccactcc	caggaccctt	cccattgattc	ctgtggaccc	ttgcagtgac	gggtatttat	96720
gcttctacta	tcttatcatt	ccaacctgct	cacaccagat	acaacatctt	tgataaagca	96780
gttatatgtt	acgttgaaca	cgcaaaactat	atgtgtggga	cagtgaaggg	cagcctgttt	96840
tggttgagct	tgctcaggtg	acccagtaga	gggagggaac	agtgagccac	gttcccagag	96900
acaggtgcct	gacaccacag	agcccccagc	tccataattc	tgtgacaatc	agtcacgcaa	96960
acaaagcccc	aagctcctgg	cattctagct	agactccacc	ctcacagtta	cctgacatta	97020
gccaggagtg	cttctcccca	cagctaccct	gcaactacaa	gatcaagggg	ctgcttggtc	97080
cctcctctct	cttaagctct	cacctttctt	actcaccgc	atccgcaacg	gaactctggt	97140
gggatgcagg	ttctctccca	ctccctatat	ttccccacac	ccacggccct	acaacatgca	97200
ttcatctccc	ttctcttggg	cagactacta	aaatgaatgt	aaagaattca	gaaggttctg	97260
agaccaacc	taaccacacag	tataagcaga	atttagccag	atatccgaga	cttccatgca	97320
gccgctgctg	gccactcaca	gtagaccatg	tcaccagtcc	ccgggctatt	tattcagcat	97380
gttctacact	tctgtctgg	atcacagaca	tcactctacc	tactgtgctg	acaattccc	97440
taacactttc	accttacttt	ctctgtttgt	gcatgtgcac	atgtggagg	cagaggacag	97500
ctttgtgaag	ctacttctcg	aattccactt	tcattggagac	cttgacgcgt	cgtggtgcca	97560
gtttgggcca	gccacagaa	cagtacttgc	tagactatct	gateactgtg	tgccttgtca	97620
cctatggctg	tctttataga	tgtcttagat	accatttaat	gcttcccagt	taacaacctc	97680
gcttctgaga	tttcaccagc	attttactgt	tataataaat	tactgtgggt	attaaacaca	97740
attttgaaat	ttttgatggt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	97800
gtgtttgggc	gtggggagtc	tgttttattt	ttcaagacag	gatttttcta	tgtagcccc	97860
gatgtcctag	aaccttgtag	acccggatag	cctggaaactc	aagggagcag	cctcctcatt	97920
gctgaagctg	aagctgtgcc	ccaccatgcc	cggcaaacact	cttaagctgg	aaataaagct	97980
aaagccaagc	catgacaaa	aaggaaggag	cagcaaacgc	tcacagtggg	cattgccag	98040
catctgagtg	tcacgtctaca	aatggccagc	ctggtaacat	caacactgca	aagactcggc	98100
atgagctctg	caccttcatg	aaaccagaca	gctcagcctg	aaccgccatg	ccagctgagc	98160
ctgaactcgc	tcacatagca	agaaaatcaa	aaccccat	gaaaactcta	gagcacagat	98220
gcgtggccag	caaacaagct	tgcaagaaag	tatagtga	gccagtctat	catattagta	98280
aatatctttt	taaataaaca	cgctctgtta	tttgtgtggt	catatgccta	agccacacaa	98340
tggagctgag	agagaaaaaa	ctgaaactac	tcactctagaa	aaacaacaaa	tgccattttc	98400
ctttctgtga	caaggtcctg	atgtgataga	ccagctatcc	agttacaagg	tcattataag	98460
ttcatttctg	ttttctgtaa	aactttggtt	taaccatgtc	ttgaccatt	ttctggaatt	98520
tgacatgttc	cacaccctat	cccctaacct	tcacccta	aagatgctct	gccaaataat	98580
tttgagtgtt	ctgccaagtt	cctacagaat	gaaaaccct	tgagagcccc	ctagacttga	98640
agttttgagg	ctctctcata	aaccctacct	tctcctaogt	ccaatgctgt	tttctcaagc	98700
cctgcttttag	agaaataaca	ctgtctggaa	gaaaatagag	cttgcttcat	ttgaccaaa	98760
attctgagta	atggctctta	ctctcacttg	gtctacagag	ttccaagaca	gccaggaggc	98820
tacacagaga	agaaatcctg	tctttcctga	aaaacaaaat	aaacttgtaa	aagtgtattt	98880

tcatgagatg	agtatacaaa	gaggcaagag	atgacaatga	cctaatttgc	cactgtaaac	98940
atgtttaccc	atggcctgcc	tcaccagcac	actgggcaca	cctaacagggt	tggctacaga	99000
ctgaagaaaa	agttataaaa	gtaagcagca	tttgggtggg	ctaagagaag	gccacctctt	99060
atatttttca	tgtatgagtg	caattatagc	tgtcttcaga	cacaccagaa	gagggcatca	99120
gatccccatta	cagatgattg	tgagccacca	tgtggttgct	gggaattgaa	ttcaggacct	99180
ctggaagagc	agtcagtgct	cttagccact	gagtcatctc	tccagcccaa	gagagggctc	99240
ttgacaagga	ccctgttcca	ggtcccagaa	cacacatttt	agctcagaac	catcttttaa	99300
tccagcccca	agtgagctaa	tacccttttc	taacatctgc	aggtaccaag	cacacacata	99360
cgcacataag	caaaacacat	acataataaa	gtcaaattaa	taaatcta	tttttttaaa	99420
gttaggta	tattattagg	gccagagatg	tgggtgctag	ggtctgttcc	tagaactata	99480
tggtagctct	cagccatctg	taatttcagt	cccaaagaat	ccaaaactct	cttctggcct	99540
atgtgggcac	aaaaatgtac	atagtgcaca	gatgtaccag	atgtacatac	aaacaaatat	99600
ccattatcat	aaagttaaac	taaaaaat	aagtaagcag	cattcttaaa	actagtgttt	99660
tcattagatg	ttttctttgg	ctgtagtaaa	acaagggaca	aatactcaca	ctttctcaca	99720
agtgacacaa	aggtacacag	tctaaattta	agctgtgttt	gtctccatga	atatgaagac	99780
atactcactg	ccacgctctt	cagctctcac	agactgcaac	tcacctgatt	cacgagctca	99840
ggaattccca	aggccctgtc	gatctcctcc	agacctgtgg	catctgtgtt	gctcaggagt	99900
gtgtgcagct	ggtccagcag	agctctctcg	tcactctggc	cctctgcgtt	agaaggtggc	99960
ccaagcagat	catccagaga	gtttctaaga	agaggcctag	agagagacgt	gagtcagctc	100020
caatgcagct	tggtttagagt	tgggtgaggtc	ctatgttcta	caccaaggac	cacaaaaaaa	100080
ccaaaccagt	gctcttctga	tgaagagctt	gttaggcttt	taagttttct	gagagtctag	100140
cctcaaaactc	acaccaccca	gtctctccta	tttagtggta	aatgctgatg	gtaatacaat	100200
gcccacaatg	acactgaagt	atgcactatg	agatgtatgt	gtttcagctg	acctctagcc	100260
tctgcataaa	cacagaat	ttaaaaagaa	gacatggctg	ggatatttct	cagaggtagt	100320
ttattaaaca	aattaaagct	aaaatgtaga	ataaaactcc	agtctttttc	tttcattaaa	100380
aaaaaaagta	aaagatagta	caatagttca	ctcccatctg	tactactgaa	atgttgtaga	100440
tgatttttaa	agataatgga	gagatggctc	agcagttgtg	agtagagcaa	gcacaagaag	100500
gccaagatg	cactccagtc	ggggacctgg	cgccctcttc	tggcctcctt	ggacactgca	100560
caaatgtgat	gcacagtc	acatgaagtc	aaacactcaa	ccccgc	gcccccccc	100620
aaaaaaaaa	ctgaggcaca	gtatctgaat	agcccccat	ggcaggtctg	ggtaaagtgg	100680
actgtaatc	ggctccatga	gaacatgtct	ttcccaactg	ctactaatgc	atgggagatt	100740
actgctaaga	agccttttgg	aagtcttgaa	ggctgaactg	tagttctgcc	tcctcccacc	100800
ctccagatgc	ctctgcttcc	tgcaccagca	gatggcaaag	tcaacagctc	ctccatactc	100860
tcccagggtt	gctcctgccc	acactcttaa	atccagtgca	agcattccca	catcccaaaa	100920
taaaacccta	cctattttga	gacccgtgag	gacctgttcc	catagagagc	atgccctctg	100980
gccaggaacc	tggttgggta	gacggcactg	ctgggctata	gggattgact	cccattccca	101040
tgggaatctc	accagttcct	gggggagcaa	atcaaaat	tcagccagggt	ggtggcacac	101100
acctttaatt	ccaacactca	caaggcagag	gcaggtggat	ctctgagttc	tcaaggtcag	101160
cctggtctac	agagtgaatt	tcaggtcagc	cagtgtcaca	cagagaaacc	ctgtgttcaa	101220
ccctgccct	atgccgaaaa	aggggatttc	cattttttat	tgaaggggac	agcttactca	101280
tttgaagcat	ctgctgctgt	tgtgtgtgt	gctgtgtgtg	ctgctgttgc	tgtgtgtgtt	101340
gttgtgtgtg	ctgctgttgc	tgtgtgtgtt	gctgcaacga	tggctgttgc	cctggcagtc	101400
gattagaacg	aagtggcaag	gtaggcacag	agcccccat	ggcaggtctg	ggtaaagtgg	101460
cactgtaatc	ggctccagtt	cttcccagg	gacttgatgc	cagaggctcc	attctgtctg	101520
cccttgagtt	agctaagccc	cagtctccgg	gggaggaagt	oggattcaca	ggaacatttc	101580
tgtttggggc	taaaattagg	gagggctcat	caggtctgac	ccagcacatc	acacaaaagc	101640
ccttcgtgca	ctggggagaac	cattatttac	tacagtagcc	aggactgtca	ccctgagagt	101700
agggctgtca	cctacaaaaga	cagtatctag	aagcctctac	tctcacgtat	ttgttacagg	101760
ttagaaaggt	gttctgaacc	aacgggat	ttaaaagaca	ccatggttca	atggaaggag	101820
cactatatta	aaaatatagt	aataataact	taaaatatta	aggctgttac	ttgagttcca	101880
tgtttaagga	aatgaccaca	cttagacatg	acctacccat	gttggcaccc	taattctcct	101940



gactateccat	cattcttggga	ttcccagcca	gtatgggctg	ttttggtaac	ccagggaaaag	102000
cactgacatt	cttcaactggc	ggacctgagc	caacagacac	agggctatcc	agagacaccg	102060
ctcggttata	tggaggacga	acagactgca	caggctgtgg	acttcgcaaa	cctggttgaag	102120
acacagaagc	ttgccacatt	agtataatca	agggcaacta	tcaaacacta	agccccctac	102180
aaaaagcctt	tctcataaaa	acaaacacta	ccatttttctt	ctacaaaata	aatattttatg	102240
tcaaaaagaa	aagaaaaaac	ccaaattcca	aataaagtac	aaacaaaagt	ctgtatgttg	102300
gccaaagtgc	tagctagcat	tcagctgtag	ccgaatacgg	tcatgtccaa	tgcctatctc	102360
agaatgccac	ggcaagggctg	agcactgagg	ctcagtaggc	catggtgaag	gagcatgaga	102420
ctctgaatgc	agatgcccac	caacacaaaag	gaaggaggga	gatggagaca	gaaaatggac	102480
agatgctttt	aattcctaga	gatgcttcca	cgtacgcact	tatgaagtag	attctctact	102540
tacaatttta	caataaaaac	aaaaagttaa	gctgccttcc	aatcaaataa	gtgcacagtt	102600
tcttcccaac	ctcttttgact	aatctgacca	gtcagtttag	gaaacagtaa	aactgaaggt	102660
aatgagaccc	tgttgcaaaa	aaatggaggg	agggaggggg	ggagggaggg	aaggaaggaa	102720
ggaaggaagg	aattaagtaa	gtgtggaggg	catgccttta	gtccagcact	cagaaggcag	102780
aggcaaatga	atcttggtga	tttcaaggcc	agggttaccc	tttctcaaag	aaagagaggg	102840
gaggagagga	gtctgatgca	aaagatagaa	agaaacaaag	aagggggaga	gaagggttcc	102900
tgcaaagacc	aaaacaatga	gaagaggcac	ctctcagggt	taaatacaag	gaccttcttt	102960
aaggacccaa	aatgacatat	ttaatccagt	ttgggtcatt	taaccaaat	ctccatgttt	103020
aagaagaagt	ctaccccaag	gcccaggtat	gtgttctcta	agaatcataa	ttactgagcc	103080
ggggctgggtg	agatggctca	gtgggtaaga	gcacccgact	gctcttccga	aggtccagag	103140
ttcaaattccc	agcaaccaca	tgggtggctca	caaccatctg	taacgagatc	tagegccttc	103200
ttctgcagtg	actgaagaca	gctacagtg	acttagatat	aataaataaa	taaatcttga	103260
aaataaagaa	cgtcttggtt	ccaaaagtat	tatacttaat	ttaaaaaaa	aaaaaaaaaat	103320
aaataattac	tgagccgggg	atggtgatcc	cagcacttgg	aggcagaggc	cagcctggcc	103380
tccagctgct	tcttggtcgt	ggtggaagcg	aacatgcgac	tgtaccgagt	gaggagcacc	103440
tgcatgtggga	cgtctgtctc	tgagcaacct	eggctcctca	caaagcccca	cccaacctca	103500
cctttcaaaa	aagaaaaact	ctggttttcc	ttaccagag	aactcgggtc	tgcaaacatc	103560
tgctgtttgg	cccctgggtg	accgccattt	gtaggattgt	tgtagaagtc	agaactggtc	103620
aaatctccaa	gaatggcatc	tagattatcc	aggtctcccg	atacctgaaa	atgaaccttt	103680
taaattattc	tgtatgtaac	accagatgca	gctatcaagg	catcagccaa	aaaaaaaaaa	103740
aaaaaagaac	gactggtagt	gcgcacattg	aatcccagca	aactaagttc	cgggacagcc	103800
agagacagac	agtgaactc	tccctttcca	aagaaaaacag	accaacaaca	aagcaagcaa	103860
acaaacaaaa	acaaaaataa	gggttgggga	tttagctcag	tggtagagtg	attgcctagc	103920
aagcaagcac	aaggccttga	gttctgtcct	cagctctgga	aaaacaaaac	aacccaagca	103980
gcaaccacac	agccattacc	agagataaca	atgaccagga	cagaggctgc	tgtcttggga	104040
cacacacata	cacacacaca	cacacactat	ctccaccttc	actgcaagga	tagccatttc	104100
gataaatccc	tgggctctgc	tggcccacac	tgcacttttt	gctctgccac	tatttcccag	104160
gacaagtggc	tagggaggat	tcctccttag	ctggcagaaa	cctccacctc	tgagtaactt	104220
ttctgaaaat	gtattggtaa	gtggtgttta	acaaggattt	cacaggcaca	cagcaaggga	104280
cccagcttgg	atatggtgaa	gagaggtctg	tgcctatcc	tatgaaacac	tagtctttct	104340
tgttcttgc	agaagagtgc	ttactcttag	taagatgcat	ttgtacaaca	tgcaatatgc	104400
atgaaaaagg	tgtctgtctc	ctctctctct	ctctccctct	ctctctctct	ctttcgtttt	104460
tcaagacagg	ctttctctat	atatatagcc	ctggctgtct	tagaactctc	actctgtaga	104520
ccaagctggc	cttgaactca	gaaatccacc	tgcctctgcc	tcccaagtgc	tgggatcaaa	104580
ggcgtgtgcc	accactgcc	ggcgaaactc	cactcttgag	gggggggaaa	tgatgctgat	104640
aaattcaaac	ttttcccaat	aacatctacc	atgtccttaa	caacctaaac	tgcttattcc	104700
aacgtagcca	cttccatgaa	aatacttcta	actggccact	aaaaacttat	ttatagggcc	104760
agtagaatgg	ttcagcatgt	aaagatcttt	gcagagcaaa	catgacatct	tgagttcaac	104820
cttcagctcc	accacccct	cacacacaca	aactgtctgt	ctgtctgtct	gtctgtctct	104880
ctctctctct	caaacacaca	catacacaca	cacacacaca	cattctctct	cgcgcacaca	104940
cacacactca	aactatacac	agtaactata	tagtgaatga	aacctcaagg	ttatccttca	105000

attaaaaact	aaccatztat	gtagttatt	aacaattgta	atgtataaca	aggcaatggt	105060
tataacacag	aatgaagaa	accaatgaag	ggctggaaca	gagagtacct	tacctcctcg	105120
ttcgtctcgg	tcttaatttt	gggtctttc	tcttgccag	agctgggatt	ggtggagcag	105180
ctgcactgac	tcagtttact	gtccccactg	tgggctggg	gctgcagctc	tttggcaagc	105240
acatcactgg	ggtcatccct	gtccagcagg	tatctaagca	gagcattatt	ctccttcttc	105300
ttaggactca	gctgctcctg	cctggttgte	ccctctccac	aggaagcagt	gctgctcgtg	105360
tccttcccag	tggcctctgc	agtgatcttg	gcgacctccg	ctggggagtt	gccattctgc	105420
agcaacttgt	gcaaaatccg	gtgtttctct	tgcaacagag	acccatgcac	attggagggtg	105480
gaagacactg	tccttgatgt	tgaggaggac	actccagagg	ggctggtgac	actaacggaa	105540
gagtctttgc	agtttggatc	caggggagag	ttggtcaagg	aggaatggcc	tcggtcgtcg	105600
gaggagcacg	tgagtaactg	cagcagtttc	ttgtggcctt	tgctttccag	agggtccctg	105660
ggcgtctctg	acacctcccc	actgctctcc	ttgctttctt	tttcacttgg	gtgatctctg	105720
ctgtttgact	gacacactga	actctccact	ggattctggt	cacagtataa	gcctaggggg	105780
ctcttagagt	cctgaccact	cactttactt	ggctggctta	tattcatatt	gggagaatta	105840
tccagtttgg	ggcctggtga	ggacagagta	gataaaagag	agggtccccc	gccttccactg	105900
atggcttgca	aggcactgag	ggagctgcta	gaaaagctgt	ggctccctgt	gttgccagaa	105960
ggtcccatgg	gtgagtgtgc	acctgcata	ggagaaaggt	cgtgagagat	ggtcagacac	106020
aacctctttt	cctattacca	aagacactgg	tgaggaaaga	aaagagaagc	aaaggaaaac	106080
gcagctgtgg	atacctgcag	caggagagaa	ctggtgggag	gccatctttg	ggctgccacg	106140
attccgaggg	gaaatcatga	tgctctgctg	gttgggacca	agaccaggac	tgccgtgggg	106200
gggactgctc	atgctgagcc	catagctgct	gttctgatag	gaagatggcg	actgtaggct	106260
ttgtcctggc	gtcagtgagg	ctacgctact	agaagccccg	tacctagctc	cacctatctg	106320
ccctgtgttg	ctggggctctg	gcacgccata	ggtccggctg	cccatcatct	gtacattctg	106380
atltggagac	atgctcacgc	cacaccctgc	tgaggagggt	cggatgcctt	gtcctgcggg	106440
atltgggttt	ggtctgtatc	cattctgttc	tctgcaaaaca	aacacacgca	agttttcctt	106500
taaaagccag	caagggaagg	aagagagcgg	gaaggagctg	tccaggagca	gacactaggc	106560
gtcactccag	taccaagtgg	gaaacccaat	tctggggcta	caccaagcca	accagcaat	106620
actctgcctt	gcttttctag	cttatagaca	tatttcgtgt	acactgggtat	tttgtctgtg	106680
tgtgtgtgtg	tgtgtgtgtg	tttgccatat	gcattgcctac	tgtttgtggg	ggtcagaagg	106740
cggcatttga	ttccctggaa	tcagagttag	agagttagtag	gtcagcgtat	gggtgctatg	106800
actcaggtct	taagaacagg	tgctccttagt	aactgagcca	tttctctagc	ccctcctttt	106860
cctgttttga	tatactgggg	atgcggagtc	tctgcacgc	taagcaagct	ctccagtagt	106920
gagctctact	ccaaagccca	ttgatatttt	gagacagggt	ctcatctcac	aaagttaccg	106980
agtctgggtct	tgaactcatt	cattaactca	gccaggccca	gaacttgagg	tcctgctgct	107040
gcctcagcct	cccatgtagc	tagggtaaca	ggtcacacca	ccagatgtca	aatatgggtat	107100
ttgtttgttt	tgggtttttt	ttttttggtt	ggttgctggt	tatttgtttg	ttctttgttt	107160
tgagatgagc	ttcgaagtca	ctatgaagat	tttttttgcc	tctatctctc	aagtccctggg	107220
gaaaaaccac	aggagttttt	cccaaactca	gtttatactg	tgctgggaac	tgaacctggg	107280
gcatcatgca	aggaagggtat	tttaccagct	aagctgcac	cctaacagtt	tagatgagcc	107340
acaagatcta	aatgagtgc	atcagtgcctg	agtggctctg	acagacatgt	gctatggagc	107400
ctccaaggcc	tcattacagc	cgaccatata	tggggcttgg	ccttaagaca	gtcaatgaat	107460
gaacctcttc	ctatgcagtt	tgttcaccat	tagtaacatc	agtaattact	accttttagt	107520
agctagtaat	tacatttgta	ttctaccttc	tattcaaact	ccagtccctg	gaagcaatgt	107580
aatgtaaca	ctagaagtga	aaggtaacaa	gtccactact	ctcccatcca	ccacctcac	107640
ctcagcccc	ccacacacac	ataccctggc	cttaatcggg	aagcagttat	ttagtagaaa	107700
atactaattt	ttaaataaaa	atataacctt	aaagaaaaca	tactcttaag	aacctaaatt	107760
cacttcacga	aatccaacag	cttccctgac	ttttctccct	gcaaatcaac	cgaaaagcat	107820
cgtggggaca	aggggtgcttt	agtgtcatca	cctctgaaga	aagtgggtcg	agatgaagcc	107880
gtgacgatca	ttcgttacag	gattgcggaa	gagtttgctt	tttgtctgcg	cactcacaat	107940
agttccatca	gccaggaga	aacgatacac	gggggtctct	gcgtggccat	gaacataagc	108000
tacggagggg	gaagcacact	gtcactagca	tctgagacta	gaccaaggca	gacaggaaca	108060

gacgaggagg	aatcacgctt	cgagtacaaa	attgtgttaa	attacgcgga	aatacacaaa	108120
agtatagaac	agctacgctc	agaaaccact	ccctctccca	caaccaccaa	agagcaggac	108180
gaggactgag	cacacagtga	gtgctttaca	gcaccatcaa	catcagcacc	aagatccacc	108240
ccaaacgcct	ccctcacctt	cttgatagt	acgcttctg	gaccatgact	gccccatt	108300
cagactgaag	aacctctgga	tacatcttcg	gattatgtct	tcaaagccag	gcctcatgga	108360
agatctaagt	gagtttgat	ctatattgac	aacctttcct	attaaagata	aaaacagaag	108420
attctaacc	tgtccagaag	agcctactgc	tgtttaactg	actcgcat	gagaatgaca	108480
taaaggagac	aatctcagct	ctgccttctg	tccttcacac	acagctggtg	gctgctctcc	108540
tactagctgt	aagcaaagct	ccttgtaaga	agcacgcctc	tgcacccctc	tgcaccgat	108600
gagcctttta	taatgcgctg	gtgctaggaa	gggtatttga	ctatacttag	cgtttactta	108660
gaggagaaaa	taagactgcc	aaatcagaga	gacacagaaa	gtgagagagc	aaacactcaa	108720
gaagaggctg	attccgacag	atcacgtaac	aaatagaaat	gtatgtctg	agctacagag	108780
agccagattc	actctgagca	cacaggagga	gacctagggtg	gcgaggccca	gcgtgtaaga	108840
ccgggctgag	aaatggagct	cagcgtgtaa	ggtgcttgc	gaggacctct	gttccatgcc	108900
aggagcccca	ggtggaagaa	gagtgacctt	gtcaaaagtg	cacacacttg	tgaactcaca	108960
gaaccagcag	tgcacacact	catgcacacg	cagaaccaga	ggaataagaa	cactttataa	109020
cgtttcccag	tgaagactgg	tcttaccgga	aaggctcatgt	ctggtaataa	agctctcagg	109080
actggatggg	aatggcgag	tcacgcggcg	agccacgcag	atcatacagc	actgcaagtc	109140
tacaacgaaa	ggtcaccagg	tcggattaca	gtggcttttag	ctgtgactaa	cgggcgagca	109200
ggaatacaac	atcagtaaga	aagggttagga	tcagcacagt	ggacccgcct	ctcaccttct	109260
ccttcttcca	gcatagcgcg	aggctgagac	agggcaaaagc	actgcattgt	ttcatatctc	109320
tggcgtgttt	cgggactggc	attcacgtct	tccaaaatgt	cgtgtgtttt	catcaacata	109380
cgacaattaa	atgtatggct	tttttgtctc	tggttctcat	tagtccaaga	aactccatta	109440
actttgaaaa	acaaattaa	atttgaaaac	aaattgaaat	tattctttat	aaatcaagta	109500
aagctctgtc	aaaattaatt	aaaagagttc	aagctagcgt	tgggccttgc	tctttgcgga	109560
ggacctgggt	ttagttccca	ggtggtacag	tcacccacaa	ctccagttgc	acggaatcta	109620
atgcactcgg	ctggcctttg	gtgcacacct	catgcacata	catgcatgca	agcaaacctt	109680
tcattatata	tacagaattt	ttaaaaattc	aagctagggg	ctgcaagggc	ggctcactgg	109740
ttaagagcac	ttagttggct	cttcccagg	accagagtca	ggcagctcat	aagcaccttc	109800
aactcctgct	tcagataatg	tcctcttctg	gccccatga	caactgcagta	acacatggca	109860
tacattcaca	ttcatacata	catgtaagg	ttttcatata	tatatgtaaa	atcttttaga	109920
actcatgcta	taaagtgagt	gtggcagggc	aagctgctgg	cccagctact	aaaggggctg	109980
aaaaagagga	ctgtggcaca	ccctggggca	atacatgaga	ccttacctag	agcagaagaa	110040
cagggtccag	ctatcttttc	ttactacaca	acacccatgt	ggtgacacct	aacatttcag	110100
aatgacagta	tcaagatata	tgagtaagtt	cagcctcatc	aaaagtctac	tgaacatttg	110160
ggcaccatgg	aaaacttttg	agtacactga	agccaaactg	aaaattttgc	tggcaatcac	110220
ttattaagtc	tcattttctg	gcttcctaga	aagcacatcc	aatctctgaa	gaaataacta	110280
agaaaaatta	aatatatata	tagaaaacat	gtttatatgc	aagcctgtag	tcaggcatgg	110340
cagcacatac	ctataatccc	agcaatgtga	gacaagacaa	aaatagatga	tcatagattc	110400
aaagctagtc	tggaccacac	agtagggtag	gaccacagat	tcaaagctag	cctggaccac	110460
acagtaggac	cctgtctttc	cttgagaaaa	ccaaacacaa	agaagagccc	acctgtggat	110520
tttggttaagt	gtttaagaaa	atccttccgg	tcttgctcat	gtaagatgct	gtagacactt	110580
gtgttaacca	ggtcctcctg	cttgtagctg	agatactgtg	tgacattttc	tgacacgaat	110640
acaatgtttc	catctcgatt	caccacaaac	aggaaacat	ccagtgccta	cagtggaaatg	110700
tgtaataaat	attatgaaaa	tcataacccc	acaaaagcat	taaacccctt	ccccccatt	110760
tttgccaggg	tttgggttag	ggttcagggt	aggggttatac	tggcaaaata	gagcatttaa	110820
aggggtcaata	gtattaaaga	ggaccctatc	caatacaact	ggtatcctta	taaggacaga	110880
ttaaaaatac	acaggggagg	catgctcagg	gaaaaaggcc	ttattaagac	acatagcgag	110940
ccaaggagag	aggactcagg	agaaagcaac	cctgccaaca	ccctcatctt	gggctccagt	111000
cttcaaaact	gaagaaatag	gcttctgttg	tctgagtcac	ctactctgtg	acattgtcag	111060
tgcagcctta	gcagaggaag	gctacagcct	cgtttgtaag	aaaatctgag	gggggggaga	111120

agagagacac	actagcccaa	catttagagt	taactgttct	actaacatta	gcataattca	111180
gagcatacaa	aaatgtttaa	aactaggcaa	gtagggaatg	acataattata	cacctttcac	111240
cccaacattt	aggaagtgga	ggcaggaatt	gaggtcaccc	tgatctatac	tgcaagtgtga	111300
aagacagcct	gtgctaacat	tacaacgtct	caaaacaaaa	caacaaaaaa	agcctgtatg	111360
ttttgggacc	ttaagaaaca	aagaaaaaac	caaaaaaaca	acccattctt	aatgctgccc	111420
aatttcccac	ctgacctcaa	gttaagccgc	aggattccta	tctgctcctg	aacaagagct	111480
taaaaggatg	aacacaaagt	agtcgaaatg	actcactgaa	agaaagacca	gatgtcaagt	111540
aaacttgctg	aagcgtcttc	cggcctgaag	tagacactgc	gccatgggta	atcagctctt	111600
cccaaggcaa	ttacttttaa	aacatgcaca	tgtttaatgt	ttgaaattgc	ctcacaagct	111660
ggagtgtagc	tctatcacag	agcacatgcc	tagcatgcat	gaggccctgg	gcttccctcc	111720
ccagcaccat	aaataaattc	tccaggaatt	cagagccgag	ggcggaggat	gtcactccgt	111780
gctaacatgc	ttgcctacta	tggtcaccta	gtatgtgtga	ggccctgggt	ttaatttcaa	111840
gcacagcaaa	gaaagagtaa	aactgtagt	tactatgcaa	gcattcatgg	gaaaattcat	111900
agaaaggctc	gaactaaaat	gcactaagta	gcacctctac	gcgttactga	ctctatctca	111960
aagagtgtct	ttgcttttgt	gtacatgtgt	tgtgtttttg	tgttgtacac	agtgcataata	112020
cagtattata	tatagtgtca	ggaggggtatt	ttatgagtgc	tataatactg	agctctgctc	112080
cacgggggta	gaaactatct	cctcatttcc	aatctccctt	gccccacac	acataaatca	112140
cagagtacaa	caaccaaagc	atgacatgct	ttggacagcc	acaatcctca	cacctacctg	112200
tagtaaaagc	ggtcctaaag	agtctttatc	aatgactccc	tgccctgtag	aagacacatc	112260
agcttttttga	acatcatcat	cactggaaat	agtttttctt	gaagacacag	aaggaagcgt	112320
cgtgttgagc	agcactacct	cagcccttac	acacacacac	acacacacac	acacacacac	112380
acacacacac	acacacgaga	gagagagaga	gagagagaga	gagagagaga	gagagacaga	112440
cagacagaca	gacagtatgt	acataatacat	gcagaacact	cactagctga	taagagaagg	112500
cctcaagggtt	tcccaggaag	gtagaagaca	cctggctggc	tcccttcttg	ctcccatgct	112560
agcctaagggt	ccctagcttg	cctcccacca	gcattcccg	ttctgaagaa	catcggtctt	112620
ctgccaattc	tgttaattgt	ttcttaaaag	taagagctgg	tcaactcatg	ggactttggg	112680
aagtcttact	taacacaagt	gaggctctat	ttaatctcct	tgatccagaa	tgggggagggt	112740
aggatttcat	acataattaca	agtccaacac	ttgggtgttt	ttctgactct	gtgttacctt	112800
gttctttttat	ttgccttatc	tgtctcactg	tctccttttag	gatggcacat	ttatctggct	112860
tgacattgaa	gttgtcgatg	tcgctgagat	ttgcagagat	gagctctgcc	agctcctcta	112920
tgtacttgct	ctcctgctcc	cgtcgccact	tctcaccact	gtagacaagc	ctggaaggcg	112980
gagaaaagcc	acaacttaca	cctctcaaga	aaacttaaag	cagaatccgc	cccatattat	113040
gcattagttt	tgtgtgaaat	aaactaaact	tagccaacaa	gaaccatcaa	agtgggtggca	113100
caaagtatac	actgaagaaa	ttccttgttc	agtgtcacct	ttgattagtc	cctggccttg	113160
agaaacatct	ggaaatggag	atgatcacct	acccctgtcc	tggggcatca	cagggcagtt	113220
tgcgtttccg	agactcagcg	gccagcggat	ccaaagagct	ttcgccctagt	ccactcatcc	113280
tgatcacaga	tcagcaactg	cggagaaga	gggtgacaaga	ttaaagcaca	aaaacaggca	113340
ttttctacga	aggtgtcaca	tgggtggaaca	gctgtatcct	gtggtcctgg	gggtatttctg	113400
tatgaatgag	tgtgtctgca	caagctcaga	gctcagatgc	gttgtaatta	tgctgggcat	113460
gggtggtgcca	gcctctaacc	ccagcactca	gaaggctgag	tcaggaacat	taaggattct	113520
gggttaagcct	gggtctacaaa	gcaagttcca	ggccaatctg	ggcccagtg	caacttatat	113580
ttcacaaaata	aattatgttt	aataaaagac	tatagcactt	caatcttgaa	acaattctga	113640
attttatttta	taccaaggta	ataaaaagcta	accagtgat	ttggtaagaa	cacttcaagt	113700
aatgagccca	gactaggcta	gaagattggg	tttgacttcc	tgtatatgag	tgagtgtttg	113760
cctacatgta	tatatacata	tgtatgtgtg	tgtgtgtgtg	tatatatata	tagctagcat	113820
gtgtatgcag	tgtccccaca	agccacaaaa	agtcgctgtc	aatccctgg	agctagagtt	113880
aagaggcag	catgatctac	catgtgggca	tgttgggaac	agaactcatc	ctcctgtccc	113940
caggctcttt	tcctaggtag	cacttctgtc	cactggatcg	tttctcttcc	attgttaagt	114000
ccaagtttagc	ctagactata	ttaacatgac	tgtagaacta	ccctacgttc	ttcttaaagc	114060
ataggtgcaa	agccagatac	acactatacg	acaggttgcc	attaagtcac	acagcagcca	114120
ttattttacat	actgacggct	ggaaaaataa	tgtatcttgg	ttaagtttcc	cacactaaga	114180

cgataaatac	aagttatttc	tttttgagct	tataatgtca	gggctctatt	cagcctcatt	114240
tactaaactaa	gtgggttaact	cgtgocgcaa	catgacaatc	actgggtctaa	agaatccaat	114300
gttgcatcag	tattgcagcc	agccagcctg	cagttgtgcc	actaggtggc	acaattccac	114360
cacaaaggcc	agtttaaaaa	taaaaataaa	atgtaaaaaa	ccccacatga	tcaaacttaa	114420
aatatgtagg	tcatgtttgt	tttgagacag	ggcctcattg	cccagactgg	cctggaaccc	114480
atagttgtgg	ttggccctga	gcaccaatcc	tectgcctct	gcttcatact	gagcaacaag	114540
tatttgccgt	cctatctgtg	gtcacacaca	ccttttgaac	cctctacagt	gtcagactac	114600
agcatcatgt	agacagacaa	agtgttaaac	agacaagtgt	ggttctagct	gtgttgtcaa	114660
tcagttcaga	gattattttt	ttaactgagc	aacattgagc	gcttacatac	ctatctttac	114720
ttaacttatt	ccagaagtct	aacattatct	tcttgccctt	gtgctacatg	gactgcaagt	114780
ccacgtggag	aaccgtcagt	gaagagcagt	tcatggtttg	atctgtactc	cacaacaggt	114840
ctgactttgc	tgtgcaatac	agcatacagc	aggaaatgaa	catcagtgga	gtgggtgccaa	114900
ctcaatgtaa	ctgaatacac	aaagactggc	agtggctccc	tctaaaaaca	ttaaaatgct	114960
ggttacggct	taccgttaac	cagcttcctt	tttgttatct	cagggttctg	acaggagaac	115020
atgcttgcta	actagcccga	agcacaagga	cacatggcca	aaaagaagaa	ttagtggagag	115080
gcctcagagg	gcagaggcac	tctcttgcc	ccttcctggc	aaccagagat	ccatcctggg	115140
gccacaagc	tagaaggaaa	gaaccatggt	ttctgtacaa	tgtttgtaga	ctgagacctg	115200
tgtgcatgca	caggcacaca	aacgtttaaa	aaaagattaa	acaaaaaata	tcaatgctgg	115260
tgttctgttt	gagcaagtta	ttttaagggtc	taagaaaaac	cttattgtac	caaaatgaga	115320
ggaggtaggc	catccaagga	taaggcagca	gagactgggt	aagccttccc	ccttttcctaa	115380
cttagttagt	aacagaggga	gtggatgaga	cagagcagaa	tggcactgaa	ctaacataca	115440
ctgggtgggt	acacatgggtg	acccccacca	cacacatgtg	attagttctg	ttctacagat	115500
aggggaagtgg	ctaaatagct	tgcctagaat	cattactaga	tccggatgga	agaggctatg	115560
acatatcca	taaccaacca	agccatcacc	agagcaaacg	attcatgact	cattccctaa	115620
gtcaaaactcc	ctccaccag	ctcaciaaagc	ttcacagctt	aatcaggaac	cacataaagt	115680
gctgtaacat	ctgctgggta	ggggcatgag	gtaagggtct	gggcaggtag	gggttacctc	115740
cacaggcatt	atgcctcctc	ctaccaccca	ctccccatga	cactgcctga	accatgctct	115800
gccaggcctg	ataccaccct	gtcttccaca	tgactgtttg	tgtcttctct	aattaatctt	115860
tgtctcaaag	aggcacatct	ttcaaagtac	ctctggtttc	ctgcaagtga	caatcagacc	115920
tcaatcctat	caaggactgt	ccaggctgca	ccactgaaga	gcacggcctg	acttcaactgt	115980
actacaaaaa	catgtgcaca	tataaactgt	cagtgaagggc	cagcactgga	taaagctggc	116040
cctttccaatt	agatgtgttt	actttcaaat	agataacatt	tcattagaag	tctttttgtt	116100
tgtttgtttt	ttcccccaag	acagggtttc	tctgtgtagc	cctggctgtc	ctagaattcc	116160
ctctgtagac	tgtagactag	gggtggccttg	aactcacaga	aatctgcctg	ccccacagc	116220
ctggttcatt	atatcttttt	aaatctacat	tcattcacag	caccaatcat	tcacagaga	116280
agacatttag	taatgaatca	aattcaccaa	tatcatgttc	aaatgttatc	attggccatc	116340
agacttcacc	tccaaagagc	gagttttacct	tatcactttc	aaaacattgt	ctgccaaata	116400
tacaaacttg	aaacccatag	attgtcagtc	actgattcaa	ttaaaaatag	tattttgagg	116460
ctggagagat	ggctcatcag	ttaagagtac	ttaacgtctg	ctcttctagg	tatcctgagc	116520
tcaattccca	acaaccacat	agtgcctcac	aacctatact	gggatctgac	atcctctttt	116580
ggcatacatg	tatatagaac	attcatatac	ataaaaataag	tcttaaagaa	tttctgagga	116640
ctcaaaaaact	aaaatagtat	ttcaaaccag	gaatgggtgt	gtgtaccttc	aatcccagca	116700
cttggaaggc	agaggcaggc	aaatctcttg	agtttaagggt	cagcctgttc	tataagagaa	116760
agttccagga	ctgcaagagc	tacacagaaa	aaccttgtct	ggggtggggg	aggaaagaca	116820
aaacaaaaaa	aaaagtattt	taggggctgg	aaacctgggt	tcaatttcca	aaacgcacag	116880
ggcagctcac	aattccaatt	ccagagcctc	tgacaccctc	ttctgacctc	cacaagcacc	116940
aggcatgcac	atgatccaca	aacataatgt	gtaggcagaa	caaccataaa	gcaaaaatta	117000
ataaatcttt	ttttaagggt	gcttcgggtgc	gaagcaggcg	gctcagccag	taaaatgctt	117060
gcctgaactc	aataacttcaa	tctacataaa	agccaggggc	agtcatgtac	acttataaac	117120
ccccgcccc	tgtgtggggg	ggaggggggt	gatacacgaa	tttgggagta	ctgggcaggc	117180
tggggaagaa	gacacccggg	gctcaccagc	cagccagcct	agcctaatta	gctagtctca	117240

ggcctatgta	agactcaaaa	ttaaagggtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	117300
tgtgtgtgtt	gataaagtac	atgtctggct	accacgcctc	atgacttgaa	ctcaacctcc	117360
agaagccaca	gggtagaagg	agagaatgga	cagactccca	gcctcccaga	aagaacaact	117420
cctaaaagtt	gtcctgtgac	ccctccacat	acacgccgtg	tcacgggcaa	accaacacac	117480
taaataaaac	actcgttcaa	tcttagcact	caggaggcaa	aggcaggctg	atctcctgtg	117540
agctcaaggc	cagtttggtc	aacatttcga	gttccaggcc	aggcacagct	acacagaaag	117600
accctagata	gatagataga	tagatagata	gatagataga	tagatagata	gatagataaa	117660
acaggttgtt	ccgcacccaa	taagaggttg	taggctacaa	tttaaaatag	tgtttttaaa	117720
ctgaattaag	agggctgcga	aattcaagaa	aataagacat	tcaataacca	tataataaaa	117780
tcttctaate	aagtttagaaa	taaatgtcca	ggattaataa	gaaaagaact	gatgttcaag	117840
gaggggtgca	cttgcaactg	aacacagaca	aagacatagt	aaatgtgaaa	aaattatcaa	117900
ttttcataaa	tcacaaagtg	tgagacaatc	ccatcactca	ttgtcttaaa	tagatctggt	117960
cagcatagat	actgtgtgaa	gccaaagcct	agcaagcaga	taaggctgca	cacacactca	118020
gcaggcacac	acactgaatc	acacaggcct	atcagacaaa	ccaagggaag	aggaggacct	118080
caggcccac	gcagacttga	ctcaaagtac	tgagtagcag	gacctacca	aattgccatc	118140
tctgatttca	actccatttc	ctaaaactgg	aatctagaa	tttttacaac	ataaaagtga	118200
tttaaaaccc	tgtttccaat	agcaaaactt	aactcagtgt	ttagcagact	taggcctttg	118260
ctccaacaat	actgccacct	gttaatgttg	ttttaaaaaat	cagatctttg	taaccagaat	118320
tctggtgtat	gattttaatc	ctagcaccca	gagggtagac	aggcagatct	ctgtgagctg	118380
tagactagac	cagggatggg	aattacaaat	ggtttgtgag	ccgccatgtg	tatactggga	118440
ctttaaccca	ggtccttgag	aggagttgcc	agtgcactct	agcactgtct	ctccagacct	118500
ctcatagttg	gcaggcactt	agaattccag	gacttagaag	gcaaaggcag	gagatctcta	118560
agtttgagga	cagaaagttc	caggaaagcc	agggctagag	agagagagag	agagagagag	118620
agagagagag	agagggagag	agagagagag	agagagaact	tgagccctct	cccccaaaaa	118680
ggtcagagta	atgatactgg	caatataacc	tgattaaact	gaaagtatct	ttcactatac	118740
agcatttcta	gtaaaatggg	ttccttatga	actgccaaaa	gagactcggg	atccttatat	118800
ttcctcataa	aacaacttat	caaaaaccca	gacgaaaaca	catgactaca	actaattaat	118860
ttttacttcc	ttctcgggac	ctaagaagcc	aggtctgcag	tcagtgtctac	aatcgagag	118920
acagcgcaac	agcatctggg	tgggcgtctc	ctgcagtcag	agcatgctcc	tgctccttca	118980
gcaagccagt	gtgatcagca	ctcaatgtgt	gaccagtggt	gtactaggag	tcattatgtc	119040
ctgacacgtg	aagcctatgc	caaccgtaga	gagcgtaaca	agcctgcaac	acatgtttta	119100
ttctaaaacc	cttttaatta	tcatacacaat	caaattttta	aaagctaaga	gcgaaattaa	119160
aaatcatttc	aattctactc	gtgccaccct	tcagaacctt	tccacagctg	atctacgggg	119220
ctccattccc	taattcccct	ttctacatgc	tgatcacatt	tcaggatatg	gaaattaaag	119280
aagggctggc	ttgtagggtga	ccttgcaaga	ccactgtgtg	tagatgtttt	tactcccaac	119340
ggtcttaaaa	ctggccaaac	agacgatccc	acaaaaatga	atccaatacc	cgacagcgct	119400
catcttcaga	ggctgtggac	ttgcaatggt	tggtacacaa	gcctactaag	ggtttagctt	119460
ctcattatta	atggtaagtg	atacatttta	gcttagaaac	atatgtccaa	catgtgtgta	119520
catgaaaagc	tttaaaagtt	gtttgaaaat	gtgaaaatga	ctaaggctcc	tgttaccctt	119580
gatcactgtc	agctgtcaca	cactcctgtc	tgatacatat	taatccacaa	agcaaagatc	119640
taaagggggc	aattctgaat	ccaccagctg	catgcactga	tcacacacag	caaatctacc	119700
caaggtcaga	agtgtagctt	ttcaatatta	acttccaaat	agcactgtac	cttagctttt	119760
ccttttgaga	caaggctctgt	gtgccattga	ctggcctgga	gcttgctatg	tagaccagct	119820
aacctcacag	aaatctattt	gtctttacct	cctgaatgct	gggattaaca	gagttttcaa	119880
actcaccag	cctaaccattc	ttttggaact	agatttagaa	acaaagaatt	ataaggaagt	119940
aattaaaagt	ttggccccaa	aggggtacaac	catttataat	ggctgtacat	tatttcatcc	120000
tttaaaactct	tagcctgata	gttacactaa	ttacatttta	ttttcaaaac	taggtaatag	120060
agaggtagat	tatcttgtac	tcaaaggcct	gttttgtatg	attattcatt	tgggatgttg	120120
gggtgtgagt	gtgaatgtgt	gtgttgaaat	tagagcccta	tcctaccatc	tgatctgcaa	120180
cctcttgtcc	ttgatccatt	gtgtgtgtcc	actctgaata	aaactcagtc	atgagcaaaa	120240
actaaaactg	taaccagttc	tacagaaaaa	tggtgactgt	attaaacaaa	gatgacttcg	120300

aggccagaga	gattgaaagc	agcacgtagt	tgaagcacg	tgttgctctt	gccaaaggacc	120360
tgggtttgtt	tcccagctac	ttgtaatccg	ttccagggga	cccaacagac	acacatgcag	120420
gcaaaccatt	aataaccata	aaataaatca	gactttaaga	agatgagatt	taccagggcg	120480
tgggtggtata	cacctttaat	cctagcactc	gggatttctg	agtttgaggc	cagcctgggtc	120540
tacaaagtga	gttccaggac	agccagggct	atacagagaa	accctgtctc	aaaaaaccag	120600
aaaaaaaaaa	aaaaagttaa	aaaccttttg	agtaagaata	atctggactc	atagagaaaag	120660
accacgtgtc	atagagatag	accacatgtc	aaaaaaaaaca	aaaacaacaa	cacattttatt	120720
acaaattgca	aaaatatcat	acttaaagga	aactacctta	acctctggtc	tgacttgagg	120780
aatgaaacat	gactacaaaa	tttcttctga	aagcattctg	tacagcacgt	ggcctaagct	120840
cagccagcca	gcgaagtgca	cacttggaat	cccagccctt	gggaagctca	ggcagaagga	120900
ctgcaccaag	cgcaagagtc	cactaagagc	tacagagcaa	gtgccagaca	aggtatcaca	120960
gccaaaactg	cacctcaaaa	aaactgaagt	aagctgctat	ttattattat	attattttagt	121020
ttatTTTTggg	ggtaaggcaa	gggtctgggtg	cacatgccaa	tagcacatgc	cgtggtacaa	121080
tatactacac	acgggttaagg	cagagtctcc	tgttctgctt	ctacatctgc	ctgcccctgg	121140
gccttaagga	ggactctctc	tgtctccact	cccattgtcac	cttaggagtg	ctggataaca	121200
gtgcacctag	ctttttatga	gtagtatggc	aatggaactg	gggtggtaag	gccttttacc	121260
actgagcaat	ctttgtgggc	ccaaaaacta	cttttattgt	aaacactata	ctcaaaaatac	121320
aatactcctg	ctttagtaag	ttcactccac	gttccaaatc	tatacctcac	tgtcagccgt	121380
ctgttttctca	tgaacataa	cctcttagac	cgggaagggtg	tggagctgat	ggctcctacc	121440
tgcaacacta	acacacagga	gaattgccaa	gagctccatg	ccagcctggg	ctacagagtg	121500
agttataggc	catcctatac	tacaatgtga	gaccgtgtct	cgaaataatg	ataatagcaa	121560
aataaatttaa	aagcaaggaa	gttggaaggg	gacatattgg	ggacgctaag	gggagttagg	121620
agagttattg	agaatgtata	cgatcaaaaa	acactgcata	catgtatgac	attctaaaaa	121680
taaattttaa	atattgtttt	taagaaggct	ttttaaaaag	cattcacatc	attccaagta	121740
aaaaaatagc	tgtgtctttc	ccatttgtaa	tgaaacact	taactggccc	taaattacag	121800
tgcaagtttt	ttgttgttgt	tgtttgtttt	ttgggttttt	tgtttgtttg	tttgtttttt	121860
gagtcagggg	ttctctgtat	agccctgggt	gtcctggaac	tcactttgtg	gaccaggctg	121920
gctcgaact	cagaaatcca	cctgcctcta	cctccggagt	gctgggatca	aaggcgtgcg	121980
ccaccaccgc	ccggctacag	tgcaagtttt	aaactatagt	cataagtctg	agtgtaacaa	122040
ctgggttttaa	agggttttgaa	aaactagagt	gagctaagtg	gatggcacac	acctgtaatc	122100
ccagcacgtg	agggtgggaca	agcagaaaatt	caagatcagc	ccagctatgt	aactagggtg	122160
aaggtpcaatt	tatgagacct	tgtgtcgggg	gacaaaacaa	aacaaaacaa	aaaaaacctg	122220
gtgaggctga	aagctcagca	gtaggatgct	tgcccagcaa	aggcttgatc	ctcagaactg	122280
cagggtctgag	cacaagatgt	gctgctatat	cacagcaaca	ggactttaga	ccaaaccag	122340
gtctgcatag	aagtcctcat	gaagccaatc	cggaaaaaaa	agtaaccatg	caggatgtaa	122400
accatcatta	aatataacag	gcaagtgtgt	cagacctatt	ttcaccatca	tcattcattat	122460
tttaaagctt	gocgagagca	catatgctct	agaggacttg	gggagagggg	gttcagtccc	122520
aggaggcacc	catgacagac	agctcctaac	tgtaaataac	tctagttcta	ggagatccaa	122580
cctctaaagg	cagtgcacgc	aaatgggtgca	cagacatgca	tgcaggcaaa	acaccagaa	122640
cacattaaat	aaatgtctaa	agttaaacaa	atgtccaaga	atacatacaa	tatgtagtaa	122700
tttgaaaaaa	aacaaaaaaa	caaaaacagg	aaagtgaag	gacagagggtg	ttgtattcag	122760
ggacaggcac	acgggaacaa	ataaagttca	agtacagggt	tcaaaagaat	acctcaacaa	122820
tacatcacag	cacacaacat	acaatgcatt	gcttaatttg	gtgcttttaa	ttttaaagtg	122880
caagggtatga	gtagctcatc	tgccatctgg	gtagcgggtg	agaaatctgc	ctgcctctgc	122940
ctccggagtg	agggtgcagat	acatacatgc	cattttattac	tccacttaac	cctcagacag	123000
tgggctagaa	ggaagagctc	aactggaaca	gagagaaaac	acaattcact	ccaacccatc	123060
aaaacaccaa	gggaaaacat	ggagcagact	ggactggatg	cctaagctat	gatatccagt	123120
acttgattgt	tcctcacaga	cttgccctcc	cgtcctcccg	atcagcaagc	cacctaaagaa	123180
ctgccattag	accggtgga	ttttatctct	cctagttttc	ttcttagaag	aaagaatact	123240
gaggagagga	ggaaaccaca	aatatgacca	aactacactg	cattaaattt	ttgttgttca	123300
cttgagagga	ctgatatccc	caggaataac	cctaaccaca	cctactgaga	cttcaccca	123360



ccttccttgc	agtgggtggcc	aatgcctttg	aactcagcag	aggcatgcaa	attgtgagtt	123420
cgagagcaag	gctgggctac	aagtgtgagt	tccaggacag	ccagaacttc	ccagagagaa	123480
cccaattttac	aaacaaacaa	acaattttcac	tatgatctag	tgggcaaggg	acagaaaaca	123540
gaagtatgtg	cttagcaggt	cttcaatggc	aaagactaga	tttgtttaag	tttgagatga	123600
ggagtgttgg	tttggctttt	gcatataagg	tctgtgacct	ccacctgtcc	tgaaactcat	123660
taggaagacc	ttgctggccc	tgaagaccct	ggcctctaaa	atgctgggtg	tacaatctgg	123720
gctaaatcac	aaaagaagga	ctatgtatgt	atgtatcctc	acttatcccc	acaaacatct	123780
ccttttagaag	tactattagc	attcagcact	gaggtgtgca	cctgtaatga	cagtgtctcca	123840
gggtggaagg	agtccatcat	tgggatcagg	ccctattatc	ttctccagcc	tgggtcacct	123900
agtaagactc	tcctatctgt	taatctcaag	agcaatcttg	tgtttttatg	agtggggaga	123960
agcaattaga	agaatactta	catgaagaac	caaatctatc	aaccaaataa	acacacagat	124020
agaaagaacc	tgagatctgc	aaagtatacc	aactgatcat	tatgaaaact	tacagaaaga	124080
ccacatccct	tattagcttc	tatacaacaa	aagaggttgt	cgggtgctttc	tggcttttatg	124140
ctgagagtta	ctatatctaa	gcaggcaact	ggccagatta	gttgatcctt	acaccccaaa	124200
caaaataagc	ttaaaaacca	gttgaatagt	ttggctttta	ggcagcaaac	tttataaact	124260
tcccatcagt	ggggcttata	ttttagtaag	gtagcgtata	atcaaagcaa	gttttcaa	124320
taaaatgaag	gacaggcata	aatgcagact	tacaacctag	cagtccggtg	ctagtggtag	124380
ttttgcacac	attgattcac	tacaaccaga	acgtctaacc	atatttactt	tgcatggaga	124440
aagataacat	gatgtattaa	gaggtccaaa	aaggacatct	tggaggcatc	tcctccact	124500
acgtgggcct	cgggaataaa	ctcaggaagc	aggtgtcatg	actagctgag	ctaccttaca	124560
aacctatcag	gagaactttt	agaactacaa	tttttaagtt	aaatgttata	tttaaaaagt	124620
gactatttcta	cccacactgt	atttccgtat	acactatatt	gtgaggggtt	atcttgactg	124680
acagcttgat	tggactgagc	caccaatgcc	tggggtggca	cagcacacct	cttgggtgca	124740
tctgcagact	cttccagagc	tggcaatgag	ctgcaaataa	cagggtaaag	acctatcctg	124800
gctgtaggtg	gcgccatcca	aaagcccaga	ggaccaggca	gactggaaac	actgagttct	124860
ttaatgtaaa	taaacaatac	aaaaagaaac	cagaatagac	agggttcctga	gtctgatgaa	124920
acccttgaag	tgttcccagc	aggtggcaag	aaaactgagc	agtaccccag	ccgcagtctc	124980
ttgttgtgtg	gcttgccttg	ggattttggg	gggggttctt	gggggttggg	gggcaacaaa	125040
caggaaaaca	aacacaacaa	aatcatgtag	caaaattcca	aatgggtagc	aacagcagat	125100
aacagaagaa	gtgaggggac	aggctcttga	cctacagaag	actaaaatta	gaaagagaaa	125160
gtggaacaaa	agtaaaagac	agggaaacag	caaagcaa	aaaacatgct	tggtaaatgt	125220
acccgaggtg	ggattcaaa	accagatgt	caggactagt	taagcaagaa	cttgcaggaa	125280
aataaataca	aacttcaact	gctgggtaaa	gcacaactgc	tttctgggca	gtcagacagc	125340
ttttctaacc	gcattttact	cttctgatgt	actattaaag	gttaagaaca	gtggtagata	125400
aaatgttatt	tgtctgcaca	agcaatcaga	gaaaaacagc	aaacatggcg	ttggggctga	125460
ttccaatttg	tttttttgac	agggttcacc	ttgtagccct	ggctggactg	cctctttggg	125520
gactaaagca	tgcattgccag	gcagattcca	atattaacca	aaacctttca	aatattcaca	125580
gaaaggtagg	cagggtctgc	ttccctcctg	cccactttg	attgtgtttg	tctgtgtact	125640
acagacagga	cccctatgtg	ttccctcagc	caggctcact	tgcccaacca	ccaccctaag	125700
atgcacactg	agcagagaaa	gcagagcctc	tgggcagact	aagtgagaag	gaaaatcact	125760
tcgaccagtg	aggggagcac	aggaattacc	tgacagcctg	gtcaggaagg	gcaggaagag	125820
cttcgtttta	ccgatctcgg	agtccactgt	tcagcaaatc	ttttgatcct	aaggataaaa	125880
gaagggaaca	gttattgtct	ctttaaatta	agcatttgta	tcagtcctac	ctagattatc	125940
ccatctctcc	cttgatgtgt	gagaaggcca	ccgtgcacag	agtctcctct	aggaatcaac	126000
tagatgcttg	ctttgccata	gcaatactta	taatttttgt	taaaaagtta	agcacggggc	126060
tggcgagatg	gctcagtggg	taagagcgcc	gactgctctt	ctgaagggtc	cgagttcaaa	126120
tcccagcaac	cacatggtgg	ctcacaacca	tccataacga	aatctgatgc	cctcttctgg	126180
agtgtctgaa	gacagctaca	gtgtacttac	atataataaa	taaatcttta	aaaaaaaaaa	126240
aaaaaaaaaa	aaagttaagc	acaagccggg	catagtgggtg	cagcctttta	ataccagcac	126300
ttgggaggca	gaggcaggca	gacttctgag	ttcaaggcca	gcctgggtcta	caaagtgagt	126360
tccaggacag	ccaggactac	acagagaaat	cctgtctcaa	aaaaccacac	acacacaaaa	126420

agaagaagga	ggtgagcaca	gcattcacaa	ttaagaagac	agtgggggttt	atactgtgca	126480
cgatcactca	gtgatggaca	agagaaagat	caacctgacc	tcaaattact	atgggtcattt	126540
aattccttac	aaatttaagt	ttagttctag	acaaacccaa	cctgaaagat	agagaaaaca	126600
acagccttag	ctttccaaaa	caacctttga	aaagacagtt	ttctgaaacg	accttgtaca	126660
agaaaatttc	aattaaataa	cttgctgcaa	ctttatatgc	ctcagtacag	gggaacacta	126720
gggccaagaa	gtgggggtgg	gtgggaaaag	gaggggaggg	ggggtatggg	ggacttttgg	126780
gatggcattg	gaaatgtaaa	tgaagaaaat	acctaataaa	aggaagggag	ggaggaagga	126840
aggaaagaag	gaagaaacaa	acaaacaaac	aaacttgctg	catgtctgct	gcatgctggt	126900
actgtgttgg	cacacggcaa	tagatagaat	tcatggacca	gacatggcag	tgcacacctt	126960
tactccccac	atcgtggcag	aggaaggcgg	atctctttca	gttcaaggcc	agcctggtct	127020
acagggtaaa	tttcaggcca	gatagggaga	aaggggagagg	gagggggcag	agggggaggtg	127080
aaagatgggg	gagaaaaagg	gagaaggaga	gtgtcaggga	aggggggaaa	gaaggggaaa	127140
ggagggaaaa	gaaagagggg	gggaaaagac	aggggggagg	ggaaggaaag	agggagggga	127200
aggaaagggg	gaagaggaag	gaaaaggaga	aaaatcacag	gaggggtggg	caggtggcct	127260
agtgggttaag	agcatataga	aagcatatat	caaatatcta	atattcatat	attatatcag	127320
catattaaga	aatctgagct	tggggccagg	cagtgtgtgc	ccacgccttt	aatctcagca	127380
cttgggaggg	agaggtaggt	ggatttctga	tttcggggcc	agcctgatct	acaaagttag	127440
ttccaggaca	gccaggggcta	cacagagaaa	ccctgtctca	aaaaaacagg	aaagaaagaa	127500
agaaagaaag	aaagaaagaa	atcaatcaat	caatcaatct	gagcttggtt	cccaataccc	127560
acatcaggcc	actcacagtc	acctgtgact	cctatcttac	atctctggcc	tcaggtagca	127620
ctgcagctca	cattcagata	cacacacaca	cacacataat	tcaaaataat	aaaaacaagt	127680
actataaaaag	tcatgggtacc	actattactc	gtgggtaatc	agaagcaggt	acaagcaggc	127740
actacaactt	tctaaaacaa	caatgccaca	gaagttagca	tctaattgagc	gccgtgctgt	127800
ggacaggagg	agcaacaggg	gaaggggtac	caacaccaca	caatgggcaa	ccctgaagac	127860
tactaagatg	tgacattaag	ggctcttggg	gtctcccaga	gactgagcca	ccaactaggg	127920
agaatgcatg	ggctggacct	aggaccccag	cacatatatg	tggcagatgt	gtagcttggg	127980
cttcatacag	gtcccccaac	aactgcagtg	ggggctgtcg	cccaacagtg	gatcccggtt	128040
ctctaaccgg	gctgccttgt	ctggccctcaa	tgggagatgt	gcctagtcct	gcagtgaacct	128100
gatgtgccaa	ggtgggttga	taacaaggga	tggggggggg	gggggggggt	tctcccttat	128160
cagagaaggg	gaagcagggg	aatgggagaa	ctatgtgagg	aaggactggg	aggaggtagg	128220
gggctgcaat	cgagatgtaa	gatagataga	taggttagata	gatacataga	tagatacata	128280
gatagataca	tagatagata	gatagataga	tagatagata	gatagataga	tagatagata	128340
gggagaaatg	tgaaattaag	acaaattcac	agctgcttat	ctctgccaaa	aataactagt	128400
ggaatcagac	aatttctgca	catattacct	agatttacia	tcaaaatgcc	cgttaacgcc	128460
tcacactgaa	aagcaagagg	caagcatctg	caatccaaaa	actgccaaag	ccaaggctta	128520
gtccaaagcc	agcctgggct	atataggtaa	gcctgggcta	tataggtaaag	cctgggctat	128580
ataggtaagc	ctgggctata	taggtaagtc	ctctcccaaa	aataaattgt	gacttgaaga	128640
catagagggc	ttgccaacat	gtacaaaaaa	ctgggttcga	tcttaggacc	acccaccccc	128700
cgaaaaaggg	aaatgggatt	aacagacagt	ttagagaatg	tttttattca	ttcgtatgtg	128760
agtgtgcctg	ttcgtgtgcg	ccccatcaca	gaaatggtga	agtcagaaaa	gaacctccag	128820
atacttattc	tctcagccac	catggggccc	cagcccagcc	ttggcagcaa	actcctttac	128880
ccactaatcc	aactccaata	atacgtatat	aatgtttggc	atctaaaaga	caggatacat	128940
aaacgaaatg	aatgaaggta	actaaaagtg	aaagttttta	gctcagcaca	gccggatgtg	129000
atgccatgca	ttttctcaaa	cacacactac	atgtagcctc	agagggggac	caaaaaaagg	129060
gggggggtaa	ataaaacttt	taaaaaatgc	tgggtgtgtt	ggcacatgcc	tttaattcca	129120
acatcaggcc	agccagttta	cacagtggga	cattacctca	ggagaactga	gttcgggggc	129180
acagcgttct	gcactctgagc	agctaaggaa	agagcacaga	agcctagtgg	cagtagtcta	129240
tgaactggcc	tcacctcttt	gctgagctta	agtttagtaa	gacctagtta	cagaaaggaa	129300
gctggccttg	cagcaagctg	cttgcaagctg	cttgctctac	agctcctccc	tccctccttc	129360
tctccctctc	tccctctgtc	tcacccactc	tctccctctc	tgaagagcta	agtcctgcag	129420
gatcacacaa	aataaatata	ggcaaaaggg	gtgggagtg	gggtggaggt	gagcaggctc	129480

caccagtaga	aggctttcca	caggaactgc	tacaggggtca	aaagttttaca	gtgggtttcaa	129540
tttcaccttt	tagcagccaa	tcagcaaattg	agactgtgct	gaccctcggg	ctgcaggagc	129600
gttaactccc	tggctaccag	aactgctgct	gccgttcttc	ctggctttctc	tttaagaagaa	129660
aaggggtggt	tgtttggttg	tttggttggt	tttaaagggg	gcagcggaca	ccctaagttc	129720
aggtgactga	tttggtgcaga	aaaatgattt	gataattatc	ccctttctcc	ttcaattcaa	129780
ggttttcttta	tcttagagca	tccaacaaac	caactgataa	tgatataaag	acaaagaaat	129840
aattggggta	tgtaggaaa	atattttctt	ccatgacgct	tgaattctac	caacaaccta	129900
aagaactgat	aggagatgat	acccgttttag	ttccctgtga	atgctttgaa	aagagactcg	129960
ataatgaagg	ctgtcaatta	aagtgttttag	gctctgactc	cctcagggtca	ctgatacaac	130020
tcttttcaca	agaggcggct	acagaaatac	agctagagct	tctcaggggc	catgtgtgtc	130080
ctcatgttct	cgccaacccc	ccaggaccca	gtgcagcctc	cgcttggaac	aaactggaaa	130140
gcaaagcctt	tcagcagagc	tggcctcctg	attgctcttt	catataaacg	tcctacaaat	130200
gcaaaaactc	aatacgtga	tocatcacca	ctgctctcag	agttctgtgc	tgacagtggg	130260
cagggccaag	atggagagga	cagggcaggc	acaacaacat	cccaccccg	ccccatttc	130320
cccttctctc	tctcctccc	cagggcaata	aggaagcagg	acattgacgc	ccgagagctt	130380
gaagccagca	tggtaatgtg	gggttggttc	ggttttggtc	tttgggggtt	tggttttttt	130440
ttttcttttt	tttttttttt	tttgctgtgt	tttttttaaa	gggatgggta	tgaggaggaa	130500
tttaagacaa	tctctctcta	aagtcccaaa	tggtggaaaa	agcagcaatc	ctcctgcccc	130560
agcctcaaag	tcctaggctt	acaagtgtga	gacaccattc	cttgaagccc	acaagacaag	130620
gaggaaacag	ctgtacaaac	tctcctatgg	aaatgaccta	gtaaatccta	atttatagat	130680
taggtaacat	ataccaactg	gttgaatatt	agcagtttta	caagtttaga	tttgagacct	130740
atataggcac	cgccatcggc	tactaaaacg	atcccgata	ggatagtagg	ttctgtccaa	130800
agtgaatca	tcaaatacca	gctattttctg	aaatgcaatt	ggtaaccaat	aaattataat	130860
gcatacctta	ctatacagca	accagaggcc	cagagtacag	catagtgtct	tcattacaca	130920
gaaactctat	agtgcactct	gatatacatg	tttcagacca	tgaataaaat	caatattata	130980
atttcaagtt	gaaaaaaaaga	tagaattaat	tttctaataa	taacttccaa	acccccatga	131040
tataatttta	tggtataaat	tctaatttta	aaatacatct	agtttggtct	ttttgccatg	131100
gcttacagaa	gcgtgtgcat	gcacgtttta	tttgaagaat	cttctctttt	tacaggatgg	131160
cctcattgca	caggaaaatg	gatgcgacaa	aattctatat	caagtcagca	tgtagcaag	131220
aatcttttct	atgtgttctg	aatttgatta	attcgagcca	aggtcacttc	ctgaacaatg	131280
cctgccactg	cagctgcagg	caaaggctgg	catgaggctg	ggaggagaaa	gaggggtggg	131340
atgtttatth	actaagaagc	aaatgggttc	catttccaca	cagttatctt	ggcaagaaaa	131400
agactggcaa	gctcctggga	tccgtgtaca	taaagatgaa	aaatatctct	attttttaca	131460
tagaaatgta	attcaatgag	cataatgttc	atgtcaacgt	tatatctaaa	aggtcctccc	131520
agataatgtg	caaaaaccat	taaccactta	aaatgataca	aataatgcca	gacagcaagg	131580
taaaccgaac	tggaagtac	acagtgaccc	taactgttac	aaaaggaaga	taaggtctta	131640
cagaccacag	actcatgggt	cccttgacca	acaccaggaa	aggcctaact	caagagtaaa	131700
aaatccaaaa	cttattatth	tctaaataaa	ataattcata	aaaatttatc	ctgacatgca	131760
attgaattth	tacctcagca	ttatgcaaat	gttatgtctt	ttttaaaaaa	tctcaaagta	131820
gggggctggt	gagatggctc	agtgggttaag	agcacccgac	tgctcttctg	aaggtccaga	131880
gttcaaattc	cagcaaccac	atgggtggctc	acaaccatcc	gtaacgaaat	ctgactccct	131940
cttctggagt	gtctgaagac	agtgcacgtg	tgcttacata	taataaataa	ataaataaat	132000
aaataaataa	ataaataaat	aaataaataa	aatcttttaa	aaaaaaaaaa	tctcaaagta	132060
tacacatcaa	tggaagttaa	agctatcagt	gtctgctagc	acagcaagga	aacctaaaat	132120
ataccacaca	ccccgtctgt	acggctttgc	acctacacc	agtgcagctg	taacaaacat	132180
accggcagag	tcaggaaacc	tgcactctct	gtaattttct	ataatggcca	tctataaaaag	132240
cactgtgtga	tattttttcaa	atatcaatca	aactatgatg	ttccagatac	gtatcatcat	132300
cagagaaccc	atgtgccttt	cttggttact	tgtttaattgt	actgtgttat	tttttaaaat	132360
tttataacaat	attttttgat	attttccccc	tttcccaact	ccttacagat	tctacatata	132420
gatatgagat	ttcacctcac	tgtcttctgg	ctaccttaaa	atggaaatcc	ccctgcctca	132480
ggttcctagg	ttctagagtc	tggtatgcac	cactaggccc	agcttaaatg	tgtctttcat	132540

gctgtgggtg	aagcccgggc	cttgaccact	gctctacctc	tgagcagcat	tctcggtcca	132600
cctgtttttg	ttctcttgta	cctcttggtt	tatgtagaac	aagctctcac	tataaagtc	132660
aggtgtcct	gaactcaccc	acttagccat	gactggcctg	gatctcatga	tactcctgcc	132720
ttggcctccg	aagtacatac	caccacaccc	aagttgtgtt	tataatgggt	gggtaacaca	132780
aaactcacta	ttacaaaaaa	ctgagggagg	aagtctggga	agatggcttg	aaggtcagag	132840
cacttactac	tcttccagag	gtcctgagtt	tagagcacia	acatggtagc	ccacaacctt	132900
gttaactcca	gttccagggg	attggacacc	ctcttctgac	ctctgaaggt	actgggcata	132960
cacatggtaa	aaagacaaac	atgcaggtag	aaaaccctaa	cacaacttaa	aatttttaata	133020
cataaaaaatt	tgaattaaag	taatgacaaa	agcagttcac	actgtcttca	aataagccca	133080
gcacttttcaa	aacaggagggg	agcttcagcc	aaggctcaaag	gcagcctggc	tacctaacaa	133140
gagccaccta	agacaaaaaca	aaacatcttg	tcaatgtata	gaagggtatt	attcccattc	133200
tctacatacg	ctgagaatac	agctctatct	ttctggcttc	tcccatgctt	tttctgacaa	133260
cttagatgtg	taatcaacaa	aaggactttc	tatatcatgt	taggaaaagg	aagttaactg	133320
tgttcacaca	gggatgaggc	cttggactca	gagagctatt	catggttgtg	gtaagaaagt	133380
ggcttgctcc	gggcgtgggtg	gcgcacgcct	ttaatccag	cactccggag	gcagaggcag	133440
aggcagaggc	agaggcagggt	ggattttctga	gttcaaggcc	agcctgggtc	acaaagttag	133500
ttccaggaca	gtgaggggcta	tacagacaaa	ccctgtctcg	aaaaacaaca	acaaaaaaaa	133560
aaacctcact	atgtagacca	ggctgaccca	gtggtaggat	taaagatatg	tgccagcaca	133620
cttggcattg	tctttattca	gocctgagttt	aatttttcta	gcccttctta	tttcaggtag	133680
cagttataac	gagtgggtgg	caggtctcac	cattccttta	ggtccaggac	actctgtttc	133740
agggtacatg	tgaggggggaa	agatgcagtc	catgaattca	gaatatatat	gcagtaaggg	133800
gctgaagcaa	tgactcatta	aagtaacctg	gagttcaaag	ccccagcacc	catgtaaaaa	133860
ggcaagcaca	cgcctataat	cccagagcac	tggaaagatg	gagaagggtc	ctgggttggtc	133920
tacacagcta	gtctagctga	atctacaaac	tctagttaa	tgagagtacc	tgctacaaaa	133980
aaaaaataaa	taaataaaga	taaaaagcaa	ttaaaggcac	ccaatgtcaa	cctctagcat	134040
atataccctc	aaacggagct	gaggcaggaa	aattactgtt	ggttccagac	aatgatggc	134100
actcatttcc	aggccagcct	gaccgcagtg	taaaatgcct	tcaaaaacca	aaaaatgagc	134160
caggcactgt	agcacatgcc	tttagtccca	gcactcagga	agcaaaggca	ggcagatctc	134220
taagttagag	aacaacctag	tctaaagatt	gagttccagg	acagccagaa	ctacacagag	134280
ttaggaaaga	gggaggacga	gggaggaggg	aggagggaag	agggaagagg	gaagagggaa	134340
gagggaagag	ggaagaggga	agagggaaga	gggaagaggg	aagagggaag	agggaagagg	134400
gaagagggaa	gagggaagag	ggaagaggga	agagggaaga	gggaagaggg	aagagggaag	134460
agggaaggga	agggaagaa	aaactgcaga	tggcatttgt	cttactgctt	ttcctattgc	134520
tgtgataaat	atctgacaag	atcaatttaa	ggaagggcgg	ggcggttccaa	cttccagctc	134580
aagtggaaagc	acagagacag	aagacgggtg	tttgccctca	gttctttctc	ctttctacat	134640
agtctaggat	tccgggtgca	tgcatgatta	ccgtgggtag	gtcattccat	atcaacctaa	134700
tcaaggaaat	atccacaggc	atgcctagat	tcctgtctc	ctgaatgaca	accaagagta	134760
accatcaaaa	ggctacagca	gagtagcacc	ctagaaatgt	caggcacagc	agcacacttg	134820
ataaccacaca	gctctgggga	ggctgagaca	ggggagccct	gggaaatgct	ggccagctga	134880
tctagccaaa	tgcgtaaccc	agtctcagaa	aataaggtaa	aaaaggcatt	ctagaagata	134940
tgcaagtctt	catacacata	cacaaccacc	taacatgtgt	gtgtgtcaaa	cacacaagta	135000
cacacacaca	cacacacaca	cacacacata	tatatatata	ctccccaaaa	gtatctgaaa	135060
aatgattaca	agaaaaaaaa	tcaacaaaaa	gaaaatgaaa	acctaaattt	tcaaataatga	135120
aaaaaaaaaag	aggctgggaa	agagcataat	cagtaaagtg	cttgcccttg	aagtacaagg	135180
atccattttg	atacttggtg	cccagggtta	ataaccaaca	acacaacaac	caaaaacagc	135240
actgtgagct	tagtggcact	cttgtaatcc	caactactaga	aggcagagac	aagatgatct	135300
ctgaaggctc	actggtcagc	cagtctagct	gaactgttac	aagtcccagg	acaacaagag	135360
acctgtgtca	aaggaaacaa	agaattttcta	tgcatgacac	agaaattatg	tttctgtgag	135420
tgagcacttg	agcatgaaga	cacacaagta	tggagggcag	gcaacatgaa	ccagcagata	135480
aagggtgctt	ctgtcaaggc	agatccccta	gagccacaca	ggaggaccta	agctgtcttc	135540
agactgccat	acacaaacat	gtaagaaaaa	atactaaatg	caaatgcctt	agtaactgca	135600

aattcctata	ataaaatact	aatgtacacg	gaatagatct	actgaagata	caagacaata	135660
cctaatgcgg	aggaaaatgc	aaaccagtg	ggctttactg	gactgatagg	gacataaact	135720
gggaagaaaa	agagtgtatt	taaaacttaa	aactttccat	catatggcaa	taacaatgtt	135780
tacaaaacta	taaaaccata	gttgtaactc	attaacttat	taggaaagac	tctcatgtca	135840
gctctagtag	ctgatgaagc	attctgacga	agccattctc	agatatgcta	aaatcccatc	135900
tgtcttccgt	ggcatagctc	aacaagggtg	ttctaagcag	attttaaatc	agtctggcta	135960
tgcagcta	tagagccaat	atcgactcat	atTTTTTTTaa	aaagtcaatt	ctctaagtc	136020
tgtcataaca	ttttaaaca	gtaagaacag	tcgatagaag	ttactaagtt	gggggcagga	136080
gagggggctc	attcagcact	ggctgctctt	ccagaggacc	caggcttgat	ttccagcacc	136140
cacatggcag	ctcacaactg	tctgtacagt	tccaggggat	cttatgccct	ctcctgatct	136200
cagtgtgttc	taccacatat	gctgcagaca	tacatacagg	taaaatatct	atacacataa	136260
aataaaatgc	aaagaaagga	agctagctac	tgtaagaaac	tctgatcacc	atctgctttc	136320
ctcacaggta	gccttgtccc	ggagcagcag	cagtcaggag	ctcaggatgt	aggagctggc	136380
cttatgctcc	tgccctcagc	tctggagtg	tgtgattaaa	gccagtgtt	ccctgagcca	136440
ctgttcactt	agtcctcttg	tattcatcac	ttccttctctg	gtggctgtct	ctgaacctt	136500
cccactggct	cagctacagg	gttcacacag	tacgcacaga	ggacagaatc	cagagcttga	136560
gttaccttcc	caacactgcc	ccccaaacaa	aattgagtta	caggatgtg	ggatggctca	136620
gtaagtaaa	gcacttgta	ccaaccctgg	caactgagtt	aaatctaggt	ccctccatta	136680
tggaacacaga	accaactgta	aaagtatatcc	tctgacctcc	acatatatccc	tatggacata	136740
tacataataa	aggatgaata	aaaaatttaa	ttttgccggg	cgggtgggtg	gcacgccttt	136800
gatcccagca	ctcaggaggc	agaggcaggt	ggatttctga	gttcaaggcc	agcctggctc	136860
acaaagttag	ttccaggact	gccagggtga	tacagagaaa	ccctgtctcg	aaaaaaaaat	136920
taattttata	ttttttctta	aaagttagga	agaaagggaag	ttagtttact	ggttagttag	136980
gaggaaggag	tgagttagtt	aagggctgga	gggatggctc	agcagtttag	agcactggca	137040
ctctttggag	gactaagatt	cctagcagca	cagggtgcctc	aacctctgt	aactctagt	137100
ccagagacct	aacatcctct	actggattct	gagggcactc	aatgcacatg	atgcacatat	137160
agacatgcaa	aacacaaata	gaaacctttg	ggaaagatgc	tgagaataat	cacacaatga	137220
tctaattgcag	tttttttaaa	tgcaatgcat	ggatataggt	aagaaagcca	ggcatgggaa	137280
catggctgta	ataactgttc	tctgtgaagt	taagccatga	ctgtcctgag	tttggggctg	137340
gcctgagcta	cataatgagt	tcaaggccac	cctgattgat	agacacacat	acacaaatgc	137400
gctgtggaat	gtataactgt	atTTTTTTTaa	tttttttatt	gttttatggc	agggtttcat	137460
ctatactaga	cttgccctcaa	agtaagctta	ctattacaca	aagattgcct	gcctccactt	137520
tctgagtgtg	caccactaaa	attgacttta	gcaaagataa	tccaatttta	ctatacaaac	137580
cagtgactct	gcaaagtcac	agtgggcatg	gggaccagca	ttcttcatag	ggaaatgaag	137640
tgagttact	tgagcagggt	cccaaaccac	gaaggatcag	ggtatgtcca	atagcctctc	137700
ttgtagatca	tatcacgcca	taccacaatt	gttttggttt	ggtttaattt	cattcattca	137760
ttcactcatt	cattcattta	ttcatgtatt	tagaaggcat	gcataatggg	gccaggacaa	137820
accataaga	gtcatgtagg	tcattgggat	caaactcagg	tagtcatgct	tggcagcaag	137880
ctccttgacc	cactgagccc	tctcactgcc	ctaacagctg	acatggattt	aaatcatctc	137940
tgcttttcca	ttagcaaaat	aatcgtctaa	gagcacactg	cttcagaaat	aggagaaagg	138000
agacaattac	tagctgggtga	gtattacatg	gaatatattac	agatctcacg	agagagagct	138060
cagtgtaaaa	tatctgacta	gatactgtac	aggagtgcag	tcctgtgag	aaggaatctg	138120
tctaattgcc	aaagcacagc	taccagttag	agtgtaatga	gcttaaaaaa	aaaccgaagt	138180
cagtcagggt	tgtgagcggc	atttactatt	tgttcccttt	gtacaggaag	cactcagctc	138240
tgatctcaaa	gtcaccttca	agcactaacg	gaagcacaa	gctgattcct	ccttgcccag	138300
aacaaaaccc	acagcaaaga	ccaacgtaag	gggacatttc	tctccacgtt	ttccttcccc	138360
aagaaacagc	tttataaacc	atatgacgtt	cataatgaaa	agattacaat	ttagaaaccg	138420
aggagaagaa	aaattaacag	gagcatgaga	caaaaagagc	acatgccctg	atacagaagc	138480
ctctgaaatt	gcttttgga	aaacatggga	caatcatcta	attatcagat	gaaacaaact	138540
acaacttaga	gctcaattta	ccagaggaat	aaataactaag	gcactctgta	ttacacttgt	138600
aaatgaataa	ataccaaggg	aggataggca	gacgttctaa	atgcaatcaa	gttaagttgt	138660

tgttttttaaa	tcggggcatta	taatctatag	cttttatagat	ttgcccactaa	cctcctaate	138720
tggcagggtta	aattttcaaca	ttcaaagtac	tggtttaggtt	ttctagaaat	ggtccagtaa	138780
gttgacataa	taattaacgc	tgtttgatct	acaaaatctg	agtactcagt	gctgagagtg	138840
atgagtgacc	ttgaggcagc	tcttggaagg	cagtcacat	ggcaacgctt	ccacaaaagt	138900
gcctcatcct	cagcaaaagg	cccaaccag	agcataagga	tctttaaagc	agaaaacctc	138960
cgccctcacc	cacagcctag	caaggggtca	cagtttcttt	taaaaagtct	ctacatcaac	139020
cttcctgatt	attcttttcag	agaaaataca	aattagcttc	acagccattt	atctggtctg	139080
gcaacaaaac	aaaacaaaca	aaacaaaaac	tatcttttat	ttgctaaatg	ggaagaattc	139140
atthttgtttt	ggaaaaatat	gtttcaatac	aattagtacc	atthttactgt	ttttcgttca	139200
ggaatggttaa	cacagtggta	atctcagggc	tgagaagtct	gaggcaggac	aacaggcagt	139260
aggatgctag	ccctggggata	tatgctgcat	taaaggagag	aaagaagggc	cacacagggg	139320
caggacactg	gagtggggaag	acattatctt	ccagcatgca	cttaagaag	gaagcacaaa	139380
ggaagcagat	ttcagcccag	acacagagt	cactcatgac	tgtctacata	caccacggct	139440
tgctacactt	agtgttctga	tgacgctgtg	ttcccagctc	cctccagcag	tgcttctga	139500
aagccgggag	gagtcatttt	attatcacaa	cagtcagcag	aacctcagca	ccagatactg	139560
aacaattttca	caatttttctc	acagagctac	caaagcattc	ctgaaaagct	gtgtccagaa	139620
cagctaattgt	ttttcagcct	aaatacaaa	atcttatcga	cttttccatt	tttactgtat	139680
ataatctatt	tgttcattct	ttcctacccc	accccattha	ccattagttt	gcaaagccat	139740
gagtactgac	tgatgagatg	actgtgtggg	gaaaggaatt	ttccccccaa	aactgctagg	139800
gcagacatga	aagaagggtgc	acacaacgtg	caagctggta	tacatggagg	gctgcaggcc	139860
aactggagcc	tcataatgag	aaactatgca	gggttttgtt	gtcatttttt	gagacaggac	139920
ctttctatgt	agccctggct	gcctggaact	gcctatgtag	accatagtgg	cctcaagttc	139980
acagtcattct	gcatagcctc	tgccctcaa	tgctaggact	aaaagtatgt	gctaccacac	140040
ctagcaaaaa	gaattttttac	actaagaaaa	aaaaagatag	caatgtgagc	agggcagtag	140100
gcaaatggat	ttctgagttc	caggccagcc	tggtctacag	agtgagttcc	aggacagcca	140160
gggctgcaga	gaaaccctgt	ctcgaaaaac	caaaaaaaaa	aaaaaaaaaaa	gatagcaatg	140220
ctatattacc	aaaataagtt	acaaaattaa	gttctaccca	taacatgata	tactgtatag	140280
tgtcaaaaag	gttcacagca	cattataaaa	caatataatc	tcaattctct	ctataggttc	140340
tactttataca	tggcactttac	ttggacagtc	tgaagccaag	cactgaggct	gcagtcccac	140400
actggaagggt	tcagttaaga	gaactgagac	tctgacacaa	gcctaggctc	tatagtgaga	140460
acttgcatgt	gaaagactaa	aatcacagtc	atthttttcct	ttacatcttt	gaaggttttg	140520
tacatgtcac	gcaattttcaa	aaaatttaact	cctthtttttt	ttthtttttga	gctagtttatg	140580
gagatcagca	ggacctgaaa	ttcaaagaga	gctgactgtt	tctgcctcat	gagtactcca	140640
ccatcctggc	tagagggtatt	ttgtttgttt	ttaaagtcaa	ttcccaacgg	gcctataatc	140700
tcacacgctt	tttttaatecc	agcacttggg	agccagaggc	agggcgattt	ctaaattcga	140760
ggacagcctg	atctacaaa	tgagttccag	gacagtcagg	gttatacaaa	gaaaccctgt	140820
ctcaaaaaac	aaacaaacaa	aaaattttctg	tggggcgaga	aggatcgctt	agagcagcag	140880
ttctcaacct	gtgagtctcc	accccttttg	agtcacatca	gatattttacc	ttacaatcac	140940
agcagtagca	aaattagttt	cgtatatgtt	agtcagggtt	ctctagagtc	acagaacgta	141000
tgggtagtgt	ctatatagta	atggaatttg	ttgatgactt	atagtcaca	tccccacaa	141060
tggtcagcag	ccactgagaa	tggaagtcta	aggatctagc	aattactcag	tcccacaagg	141120
caagattcct	tcttccaaag	tccttatgaa	ggtctccagc	agaaggtaaa	gccagatta	141180
aagggtgtgtg	ctaccactcc	tttaatecca	gatgaccttg	aacttgagaa	tcttctgtc	141240
ttaatcttct	ggaattcatg	gccactatgc	ctcagtaact	ccatgccaa	atccagggtca	141300
gacacttgta	tctcccagcc	tctagatttg	gatcacagg	gagcctcca	ttctagattg	141360
tagcaatgaa	ataatttgat	ggctggggat	catcaacaa	gaggaaactgt	attagggtta	141420
cagcattagg	aagattgaga	accactggct	tcaggagatga	aagcactggc	tgctgtctct	141480
ccagaggacc	caggtttaag	ccccagcatc	tataactgg	cttacaacta	tctataattt	141540
caacactttc	tctggcctgc	ctgggtacca	ggtatataatg	tgggtgcacag	acaaacataa	141600
aggcaaaaaca	tacaaacata	tataacaaat	tttcaaaaag	tgaaaaattt	cccacccctt	141660
gagactccac	actgtgcttc	aaataacata	ctgcacagag	gcaagagctc	gggcttaagt	141720

cacacaggct	cattggcage	ttctctatta	gtcatggctt	tgtacaataa	ctcaacttct	141780
tctttctcac	caagcctctg	ttcttctctat	ccaagaaaaga	gcatacacgg	aactccaatc	141840
tccatcaaca	ctaaaccaag	ggggataaca	ggcatctcaa	tctccttcgt	gataggccat	141900
ctttaacaaa	tacttcaagc	aacaaatcaa	ataagctctt	ggctttttgt	ttgttttgtt	141960
tttctagaca	gggtttctct	gtatagccct	ggctgtcctg	gaactcactc	tgtagaccag	142020
gctggtctca	aactcagaaa	tccgcctgcc	tctgctcctc	aaatgctggg	attaaatgcc	142080
accactgccc	ggaataaagt	gacagttcta	tacagccgtg	agccatcaag	tacttgctgg	142140
gatccttttg	atccacgggc	ggtgccctta	ccagctgagc	cacccctcca	gcactttttt	142200
aatgaagggt	tccactatgt	agctctggct	ccctggaact	cagatccacc	ggcctctgcc	142260
tcccaggcac	tgagggttaa	gctgtgacca	ccaaacccat	ctgtaaacc	ttctgaatca	142320
ttcattgtaa	ttgaatgcct	agcaccacaca	catgtcccag	gagctctgac	atcttccacc	142380
ttcttgaaaca	ccagccacac	atgtggtaca	ccagcatata	tgtaagggtta	aaacactcat	142440
atacataaaa	ataaataatg	gacacaagaa	atatttttaa	agtaaagggtt	tcttagacaa	142500
taatagatgc	cagacaggaa	aggcaagacc	gggtctcggc	gcaagctccc	acaccagcag	142560
cagtgcggct	aggaggcacc	tggtaaactgg	atctcgtctc	ctcactctct	ccgcctaccc	142620
ctgcccctcc	ccctccccc	ccccaccccc	gcaaaattaa	tttttagagaa	gaaaagcaat	142680
ataaacatat	tatctatata	gataaggggg	caatccttaa	caactacctc	ttctgcacca	142740
gcagccgctg	agaccaggaa	tggctttttat	ataaaagggg	ggccggccct	atggtagcat	142800
ccaaatcaag	gttccagacc	agagctatta	tctccctagg	ttcattccct	tatcttgccc	142860
tttcacactt	ggccttttca	gtaattaaat	gcctggtgcc	ctctcagaag	aagagatgtc	142920
tcggggcatc	tgagagggtt	ttctcttttg	gggacacact	atcagggtgac	ccagactgac	142980
cttgagattc	ctatgaagag	gaccctccct	cctgtgactt	cgggtacaca	taggaagcct	143040
actggcccag	ctcatggctg	tatttctaga	aacagttcca	gacctaaag	atcatgggtta	143100
aaatgaaacc	agagacttcc	ttaacattcc	ctctcagagt	atctttttatg	attcaggggc	143160
tggagaaatg	gttccaagg	tactgtagag	gatccagggt	caattcccag	caccacatga	143220
tggctcacaa	ccagcctttc	caggggatat	gacacctctc	tctgacctct	gagagcacca	143280
ggcatacaca	taagcgggca	aaaccattcc	tgccttctct	gaggaatgct	ttatgcatgt	143340
atctgattaa	aacttttcc	ttttaaatag	ttattttattg	tacatgtgtc	tatgaatgta	143400
tgtaaatcat	gaatatgcac	accttggttg	acaagcacaa	agataaatct	ctacagtttg	143460
tgtttcttca	tctgaacagg	ggccacagg	gaaaggagt	gctcagataa	agaaaatgag	143520
gctggcaaga	tgactcagag	ggtagatact	tgctactaag	cctgacttga	gttccatccc	143580
tgaagcccac	atagtaagag	aatcaactct	tgcaggttct	ctctctctct	ttctcacaca	143640
cacacacaca	cacacacaca	caagcaaaac	atgttacaga	aatatattta	aatectaacc	143700
tagacaaacc	aacttcaacc	tccttccctca	tctagaagca	attattagca	caattttattt	143760
gaaaattaat	cttgcathtt	ccttgctaaa	tttatctcat	tactccttga	aataattctt	143820
ttctagttat	ctagctttcc	tgtttgtttc	taatgtcccc	aaatagaccc	taacctctca	143880
aggaagggtt	atggtcatat	actgtttttat	acaaagatgc	aaagaactag	atcatattag	143940
ccccctttta	aaaagatttg	tataaacatc	tgtgtgac	ctgactgggt	atatgtatgt	144000
acaccacatg	tatttaggag	ccaatgaagg	tcagaagagg	catcaaattc	cccagaagta	144060
ccatgagggc	actgggaaca	gaaactgcaa	aggcacatgt	gttttttaact	gctgagccat	144120
gtctctggcc	ctatataagt	cttcttaatt	tgtactgatg	aagtaagtca	gtgtcttgtg	144180
tgtgctcctg	ttcctatgcc	acctccagag	ctcagattac	tggtatttaa	accactgtgc	144240
caactatatg	cttatttcc	ggaaaggaaa	ctttagttat	attagaaaat	gcagcaaaaa	144300
gtaatgaaaa	caaaaaacaaa	aaccctaagt	aaagaacagg	gacaaaagaga	gaaggaggcc	144360
tggcacatac	atttgatctc	agtacttggg	agtttagagg	agggccagcc	tggtctacac	144420
agtgagttct	tcgacagcca	aggctgttac	agagaaaacc	tgtctcccaa	aaaaaaaaaa	144480
aaaaaggaag	gaagggaagg	aggaagggaag	gaaggaaaaa	aacagaaaaca	gaaacagaaa	144540
cagaaacaga	aacagaaaacc	aaacaaaaca	ggctacaaaag	atggttcagt	ggttaagact	144600
gctcttccag	ggggtggaag	agatggctca	gtagttaaga	gcacagactg	ctcttccaga	144660
ggtcctgagt	tcaattccca	gcaaccacat	ggtggcttgc	aaccatccgt	aatgagatct	144720
gacgcctct	tctggtgtgt	ctgaagacag	ctacagtata	ttcacatata	taaaatgaat	144780



aaacaaaatc	tttaaaaaaa	aaaaaaaaaa	aaaaagactg	ctcttccaga	ggtcctgagt	144840
tcaattccca	gcaacagttg	gtggctcaca	gccacaatct	gaggggaatct	gatgccctct	144900
tctgggtgtg	ctgaagatag	ctaccgtgta	ctcccataaa	atacatcttt	aaaagaaaga	144960
aacaaagaaa	caaagaagaa	aatagagaag	aaaagaaaaa	aaaacaatgg	aaggggtgag	145020
gggaagaaaa	ggaagaaatc	cttagggcta	tgccacctac	tgatgtcaag	caagaagcca	145080
atgcaccatg	tttctgtagt	acctacagca	atgctgagtc	atgacaagga	ggactgcccc	145140
ctgtgctcct	gaggttacta	ctcatctgaa	gatgatggcc	acaggggtcag	gattttatat	145200
gcaggagagt	ctagaggacc	agctcagcgt	ttaagagcat	tggctactct	tgcagctttg	145260
gctctcaacc	catccataac	tgcagccaac	accttcttgg	accttcgaag	taccaaagaa	145320
acgcatgctg	gcatttttat	aagattttat	atgcagtgtc	tgggtacttt	cctattttga	145380
aatcataatg	tagtttatta	gtgactgtct	ttagaagttt	aattggctag	ttattttcat	145440
ttgctttctt	tcctaagtag	aatagagacc	ttcaggttca	gcgagatata	tctcaaggga	145500
atatgaaaga	ataaggaaca	atacaggaag	acttcttgat	ccagtttctt	cataggcatg	145560
catgggcatg	agtgcacaca	cttgactca	tacacacata	caataataag	tagtagtagt	145620
agtagtagta	gtgggtggg	tgggtgggtg	ggtgggtggg	gtggtagtag	tagtagtagt	145680
agtagtagta	gtaaagaaac	agagtgaact	acagggatgg	gccagtagta	gtagtagtag	145740
tagtagtagt	agtagtagta	aagaaacaga	gtgaactaca	aggatgggcc	aaaggttaat	145800
taaaaccaca	ggctgcgcct	ttaatcccag	cacttgggca	gcagaggcag	gtggatctct	145860
gaggccaaga	ctcataccaa	aaataagtaa	gtcttaaaat	atatttttaa	ctcacaattg	145920
aatcaaacca	cagtctcagg	agttgaaaag	gggggctttg	ataaatcaaa	ctgaaccaga	145980
gctgaggatg	taatcaatgg	caaatccttt	cctgctgctg	aaagcctagc	ttgcatgatg	146040
gtggctccac	ctgcaatccc	atctctcagc	agatagaggc	aaagaaatgg	gagggtttaag	146100
gttgggcctt	aagtcacttg	tcccaaattt	aaccacctga	gttcagtcct	cacaaccac	146160
ctggtggagg	aagagaacaa	gaaaccttta	aaaaaaaaatt	caagataacc	ctcagttaca	146220
cagaaaggtc	caggacacaa	aagacctccc	cacccaacc	cccaccagtg	tatggaagaa	146280
acccaaaaat	ccagttagaa	gcacagcaac	tgagggaggc	aaaccgtgag	agaaatcttg	146340
ccaacagaaa	gggttagaga	aagtgaacag	ccagagcgcg	tgctcagggc	tcaatgtcgg	146400
ctccaggttc	tacaaaccaa	cctcaggaga	ctcactttaa	agaggaaaaa	caatgttctt	146460
attaatgaaa	gaacaacctc	tcaggagaca	acagaaattg	tgcactctta	agttacctgg	146520
aaatctatct	agcaatcggt	cccccaaagc	cttagcactg	cagtgcggga	gacagaagac	146580
caagatcaag	aagagttcaa	ggttggccgg	gcgtgggtgg	gcacgccttt	aatcccagca	146640
cttggaagc	agaggcaggc	ggatttctga	gttcgagtac	agcctggtct	acaaagttag	146700
ttccaggaca	gccagggcta	cacagagaaa	ccctgtctcg	aaaaaccaaa	aaaaaaaaaa	146760
aaaaaaagag	ttcaaggctg	gcctgactca	atccactgac	agcatttaac	agacacagaa	146820
ttcttttaat	ctccataata	tcaaatacct	agaataaatt	tgttttggtt	aagccatact	146880
accattacat	atgcatgaaa	gacagggtatt	tgagtatgta	ctgcactgtc	tataatgaat	146940
aacaagttct	tctctggaca	gactcaacca	aactccatca	aatgtaaagc	aaagatgctt	147000
tacatctgcc	acattaaacg	gaaatccaac	attcattatt	taaaaataag	cctttgtgct	147060
atgcagacat	ccaggagctg	atagcatttt	gttgagataa	aaagcagttg	gcctggaggg	147120
atggccagtg	aggaaagtgt	tcgtccacaa	gcctggcacc	ctagaacttt	acaccaaaca	147180
gactatcaca	agttatctoc	taacctaccc	acacacgcac	acaccacaac	gtgcacacca	147240
gctcacacta	tggcaggcaa	acacacacac	aagttaaaac	tttttttaaat	ttatgtgtat	147300
gtgagttcct	gcattgggtt	attatgcact	gtgtacatgc	agggcccaca	gaggacagaa	147360
gaagggtcct	gatcccttag	acctgagtta	caggcagtcg	tgagctatct	gatgtgtgtg	147420
atggaaacca	aacctgggtc	ctctgccagc	ataagtgcct	gcttgcttgc	ttgcttattt	147480
gcttggtttg	tttcttcttc	ctctctcttt	ttaaaacagg	gtctttccct	gtagccctgg	147540
atgtccggaa	actattttata	taaaccagca	cagcctcaaa	actcaagaga	ccagcctgca	147600
tgctaggatt	aatggtgtgc	gacactttac	cttactacaa	aagtgcccat	aaccactgag	147660
aaacctctcc	agactccagg	aaaaaaaaata	ttaattgtac	aggaagttag	tagtaatcct	147720
tattttcttt	ctttgtattt	ttctgttttc	cacaggaaca	ggaattaatc	acttttattt	147780
taaaaaaaaa	aaaaaaaaaa	aaaaaacaag	aaagaagtgc	tttggagcca	ggcgtgggtg	147840

cgcacgcctt	taatcccagc	actcgggagg	cagaggcagg	cggattttctg	agttcagagg	147900
cagcctggtc	tacagagtga	gttccaggac	agccagggct	atacagagaa	accctgtctc	147960
gaaaaaccaa	aaaaaaaaaa	agaagtgcct	tgggctgggtg	agatgggttca	gtgggtaaga	148020
gcacccgact	gctcttctga	aggtctggag	ttcaaattccc	agcaaccata	tgggtggctca	148080
caaccatctg	taacaagatc	tgactccctc	ttctggagtg	tctgaagaca	gctacagtat	148140
acttacatat	aataaataaa	taaatcttta	aaaaaaaaag	aagtgcctta	agggggaaat	148200
aaaataaaaa	taaaatcaaa	ggccttttta	taaaagaaaa	acaaaaacat	gattttttaa	148260
tctgcggttc	cccatttggt	caaaaactgaa	agcagaagtc	ttgctgggta	ggtggagcag	148320
gccagatagc	agaaggtggg	aggtggagat	aagaggataa	taggttttag	gccagcctga	148380
actatagaat	ggaaagagca	tttcaaattgc	aagtgttgaa	gacctaaactc	aggtctggaat	148440
gcttgccccg	ggagcaaggc	ctgtggctgg	aagctgcagg	actgacctgg	acacaaaact	148500
gcttccccct	cccaatcctt	cctcctaggc	ttcctttctt	aactttttgt	tcattttact	148560
ttctcagtga	aattatccta	actaaaatat	aaactccagt	gttaagaata	aaatgtagta	148620
ccagaacact	taccgagtat	tcaggaagcc	ctggaattga	tcacaaacac	acaaagagaa	148680
acaaaaacag	acagacaaac	agacagacct	cgagttgaag	ggacagtggg	aatggctggg	148740
atcagccagt	ttgaaggcag	gcatttcggc	aagcaaggca	cggaaaggtaa	agatgcagtt	148800
aacagtgagc	agcagagggc	aggggagggt	gacagggaag	ccttcaggcc	agaagagaat	148860
taggggtgagg	agaaaaggat	aaatgggttg	aaatgtagaa	tatgtagaga	gggctggaaa	148920
gggaagtcac	gaagagggtca	gaagacaaca	gaatctaaga	aagagatgag	actcaacagg	148980
gagaacccaa	tgaccagggt	agaagcctgc	tccagcatag	ttattccggg	ccagaaacag	149040
ttacttgccg	attaatatgg	ctttatctct	aagctggaag	caactcaaga	gtgtgaagca	149100
catctgttat	cactcaaacc	ctcatctctc	actggagaag	cacgtgtgtc	cttacagttt	149160
actctgcagg	gcaaggatct	ggttcattgt	tgttttggag	gtattttgtt	tgttttccac	149220
tttgatttct	gtattctctt	gagactaggt	ctttactatg	taactactagc	tgtcctggaa	149280
ctgtaaacaa	ggctggcctc	aaagcaatgt	taatcctcct	gcctcagctt	ccctggcact	149340
tgggaggcag	tggctggtag	atctctgagt	ttgaggcctg	gtctacagag	tgaattccag	149400
ggcagacaag	ttagaactac	acaggaaaaac	cctgtctcat	aacacacaca	cacacacaca	149460
cacacacaca	caccccaaaa	aaaaaaaaaaa	aaaaaaaaagg	agaagaaggg	gagaaagaaa	149520
gaaaagagtt	gtctagttaa	aatcagcaag	gtggggtagc	tgaaccccc	aagcttcagg	149580
ccaacctgag	cagtagagtg	acaccatctc	tcaaaagtaa	ataattaagt	ttaattcata	149640
aagggtggct	ggccattcct	caatggcact	ctgccttgta	agagatgaag	caggacaggc	149700
ttagggttaca	gtgtatcttg	tgatctgctc	ttccatactt	atcttggtea	acttacagaa	149760
cctgggcaaa	tggggtgacc	tgtctcacttg	agtctaaaga	atggctaaact	tcaggaggaa	149820
gctgtctgat	cttctactgc	actaacaggg	acctgcataa	gctaatacat	tgaatagttt	149880
ctaaattgta	gcaaatgaaa	cctggatcta	tccgaacctt	tatgttttac	ttctctgagc	149940
attttacaca	aaataaaaatt	ctataaaattt	atataaataa	aactattaaa	aaaaactggt	150000
gcagcagatg	tattattgta	agtccactat	aatcaaaatc	gtttggaatc	gtgaaacgta	150060
taaataatth	ccaagatcag	cctttccaac	agtgtctccc	caggcaaccc	tagagcaagc	150120
ccagccctta	ggacgggcag	ctccgcgctg	ctcgcaggag	tggcagatgc	catttctcgc	150180
tgacaggagc	ttcaaattcc	agtcaggcaa	ctgcagtcac	agtcccactg	aatcaggaat	150240
ataagcgtgc	ctgcatgtta	ttatgggaaa	tagtggaaaa	tttcacaggc	tgacatccag	150300
aacgtctgcg	gctccttttc	atattttctt	ctgcgaagca	gttatttagac	cagtcaaatt	150360
tttttaaagc	tggaaatttc	cactgttctt	ttttaagtat	ccttttttaga	tgtaaactaa	150420
aaactgttcc	aaaattcaag	tatgtcaaaa	ataattcaga	taaaataact	acttaagtga	150480
agggaaacagt	aaaaaacctg	gggtctccat	cacctttggg	agagagacac	atccattgag	150540
acccgcagaa	gcttaaagggt	acagtaactt	aatatgaagg	ctacaatgct	acaaacactc	150600
tgagatgctg	atthttctcat	ttgcataatgc	ctcaagcatt	caaaagctaa	cataagtcag	150660
tagacagtga	agtagaaccc	atgagacaag	accagcattg	tggcaggagc	ccttagtcag	150720
agctgctccg	gaggcccaaag	caggcaacaa	catcaagacc	agcatggaca	gcaagatctc	150780
atcacaaaag	ggggtagtaa	gatgcacatc	tctttataga	aatacattct	tcacatccat	150840
atagcccata	tttttagggc	tagcatgtac	ctactctgtg	ccaagggtct	gattcctaga	150900

gctgagtgtt	tccagcatgg	agaggaaagc	acagcagctg	ggaaacacag	ctcacttggc	150960
agagtgtggg	gcaagcatga	cgcttgggt	ttgggtcccta	gcatcacatc	gaaaagccag	151020
gcatggtgat	tatgccagaa	ctcaggagga	ggaagaagtc	tccagattta	aggccagccc	151080
acaggacatg	tgacatctct	caaaaaaaaa	aaaaaaaaaa	aaggtgggga	ttctgtttta	151140
tttgttttct	tgattttaag	ggaatataaa	aaatcatagg	caagacactc	tttgcaagtgg	151200
cagaggcagg	ccttgagttt	cgctcctgga	acatacactg	agagccagtg	ttttagacag	151260
gttttcagca	ccttttcatg	agatcacact	agaacatatg	taatactata	cattttaact	151320
tatattgggg	aggaaataga	caaagattat	ttttccccc	ttcaaacaat	ggctcatgca	151380
gtccaggctg	gtctcaaatt	ctctcactag	gtgcagagga	tgaccttgaa	cctctgaccc	151440
tcctgactcc	tcctctcag	aaagctggaa	ttaaagcctg	tacctcccaa	acccagttcc	151500
tgcaagtgtg	agcatccatc	cccgggcttc	ccgctaggca	ggcactctaa	ctgggctaca	151560
tcctgagcca	gacaaaagact	tgactcattt	tattaaaggg	ataaaaagac	tacattccaa	151620
accattcaaa	aatcaaagct	gacttttaac	agtcaaatgc	actaaactaat	aaggtctgct	151680
taagatgggc	tgggagatgg	ctacatagga	caacgcatct	gtgacgagct	atgagaacag	151740
agcttaaate	cccagcagct	actcagaagc	caagtgtgca	gctgagtgtg	tgtaaccctg	151800
cacgcctagg	ggaagatggg	agacaagaca	ggacaatccc	tggaaagctac	aaacaactag	151860
tcaggcctgt	acagtgggaa	agaacaaagg	acctcgcttg	aagcaagggtg	gcctttgacc	151920
tcacacatac	tgcatatatg	cacacacagg	cacacagata	aacctttaac	ctttacccaa	151980
gacaggggac	gatggtgcac	accttttagca	ggaggcagag	gtaagtggat	ctcttgagtg	152040
tgaggccagc	ttaggctata	tagactatat	agcatgttct	gggccaaaca	cagctgcaaa	152100
atgagaccgt	ttcaaaaaac	aaacaaacaa	ataaacaaaa	aactgtggac	atgtgggtatg	152160
cttgtaatta	gagcactcag	gatgccaaag	cagatggaca	tggcaagttc	aaggctagcc	152220
tatactacat	actaagatct	acactccctc	ccccaaaact	agcaatatat	tatgcttgta	152280
taacttttta	gcttaaaaatt	ttaatgactt	atttttat	catgtatttt	gcttgcatgt	152340
gtgtctgagt	gaggggtgtca	gatcccctag	aattggagtt	agagacagct	gggggggtttc	152400
atgtgggtag	tgagaattga	acctgggtcc	tctagaaaag	cagccagccc	tgcttatata	152460
actttacaga	ccatccacac	acagcccaga	acttgaacgt	atcatacata	ctcctgccca	152520
tcagttaaaa	gctactctac	cactgactca	aaagctacat	caaaacaccc	agctactcct	152580
tttgaaacct	tgctttttgt	ttcacaggcc	atggaagaga	taaccttaaa	agtgttccta	152640
tagattatac	tttcatacag	gaatgataga	ggtaccatga	atctagggtta	aggctccttaa	152700
ttttgacaga	acgtattttt	tcctgagaca	aggtttctct	gtgtagccat	ggctgtcccg	152760
gaatttgctc	tgtagaccag	gctagcctct	gcctcctgac	tgctgggatt	aaaggcatac	152820
accaccactg	cccagctcag	aacatttttt	taaagttttt	tatttttttt	tcttttaaat	152880
atctgttctg	tatgtatgag	tgtttctact	atgtgtatga	ttatgtacta	tgtgtgtgcc	152940
gatacctgca	gagattagag	caatggatct	cttaaaactg	gagttacaga	tgtgggtact	153000
ggaatggaaa	tcaggctctc	tgcaacatta	agtgccaggc	atgggtactgc	acttggttagg	153060
gagaggcagg	tacatctgag	ttcgaggcta	gcctggtcta	cagagggagt	tccaaggcag	153120
ccaagctaca	cagggacgcc	ctgtctcaaa	aaatataaat	aaataactat	taagtcaaat	153180
caggtacttg	taactgctga	gccatccctc	agcccttaaa	gttttatatg	tatttgtgta	153240
tctgtgttat	gaacagtcac	gcatttgtct	gaataggcca	aaagagaatg	ctgaccctca	153300
gagccggatg	gagtcgaagg	cagcgtgggc	actaggagtt	gaactcatcc	ccaccaaagc	153360
agcatgtact	cgcaacctct	gagccatctc	tgcaagcact	cataaagccc	taaccctgac	153420
gtctgggcag	ttaatttttt	attgctatgt	aatctttagc	cagccccag	agtctgtcta	153480
attggtcaga	gccctttggg	tcagcccctg	gactgctcaa	ttttgatttg	atcaccaggg	153540
tggtgtgggg	agggcacagg	acagatatga	acccaagata	tgaactctga	tttcttagat	153600
attctgctac	tgatttcatg	gacccatgat	gatgatcaga	aaacctaaaa	ctgcagcttc	153660
cgtttacctg	taaattgaga	acaaacagga	ctgaaagcta	cttggcaata	ataaagaata	153720
gaggggctga	agaggtgact	tgggggttaa	gaacactgct	gctcttgacg	agaacctggg	153780
tctgtttccc	agcaccacag	gtagctcaca	accatctgaa	actccaatcc	cagggaattt	153840
cccctggcct	tttctagcct	ctgccaatac	tgcattcaca	tgaacaaaac	actcatacat	153900
atcaaaattg	aatcaataaa	taaactatat	cgatggctcc	caagattaaa	ctctagcccc	153960

catgtgtgtg	caggtatgcg	cggggagtgga	agaaaaaaaa	aaacaaaaag	aagaattttg	154020
aggtaaaag	aatttaaact	aaatcagaat	gagattccca	ctacacatcc	accagaatgg	154080
atagacgcta	aacaaatatt	aatatcaggt	actggtgagg	atgtgagact	gaaaccggct	154140
atacaatggc	atagcctctt	ctgtaaacag	tttcatagtt	tctgaaataa	ctaaacatac	154200
attttggcat	aagatcaaca	attctacctc	ccaaaaaaga	aagctttgtg	ttctctctca	154260
aacttgtatt	caagtttact	cagcattact	cagaacagcc	aacaggtgaa	ccaataaaac	154320
agtgcctgaa	tggtaagtag	gtaatcacat	atacacagaa	tatacaacga	cagaactagt	154380
ctgtggaaca	gtatgggtct	cactcagtgt	ggaagggcag	ctcttgcttg	catggcgcca	154440
acaaccacca	gcaatccagc	acagagatgt	tatgaaggga	atgttatgtt	atgttaagtt	154500
gtactgagac	aaagcaaagg	gccaggggag	caacactcat	aatccaagca	gagggaaaca	154560
ggaggatctg	gaactcaaaa	gcagtcagtc	tagtcacact	gcaatgttct	ggcccagttt	154620
aagatgcaca	gcaatagcct	ggcatgggtg	catatgcctt	taatcccagc	actggagaag	154680
cagaggcagg	tgggtctctg	tgaatctgag	gccagcctgg	tctacaaagt	tgagtcaggg	154740
acagccaggg	ctactacaga	aaaacccctgt	gtaattttaa	tgtagttaaa	aaaaaaaaaa	154800
aatcctttct	tttttttttt	ttcccggaga	caggggttct	ctgtgtagtc	ctggctgttc	154860
tggaactcac	tctgtagacc	aggctgggaa	acaccatacc	tggcatattt	tataaaaatta	154920
cagttttgag	taacattgct	agtgtagaga	aacacaatag	acgtgtgtgt	gtgtgtgtgt	154980
gtgtgtgtgt	gtgtgtgtgt	gtgcgcgcgc	gcgcgtgcgc	gtgcacttat	aaaatctaata	155040
cctattaggc	tcaatttttc	tagatgcggt	catgtagtgt	gtttaggatg	gaatactgta	155100
tattgtcatt	tctcatcaat	tctcccaatc	ccagcagggt	tgacagagga	ccttgctgtg	155160
tatcttgttt	tctgagactg	ggttgaagta	aaaattaagg	gttctttggg	aattcagtta	155220
tggtggtatg	tgttttgctg	gggcaataaa	ggagtgtttt	cctgaagtgg	acacaggtga	155280
aagactaaag	tagactaatg	aaagaacatt	taggtaaaaa	agacacagaa	agaaagactt	155340
tctgctaaag	caagcacatg	aaaggcacatg	tgatgaagga	ttctttgcta	ccaacacact	155400
tgttgagatt	ccatagtga	aaacgcaccg	ccgggcagtg	catgccttta	atcccagcac	155460
tagggaggca	gagcagggg	ggtctgagtt	caaggccagc	ctggtctacc	ttgcaagctt	155520
gatgaaatca	agggctacat	agagaaaccc	tgttttaagc	cccaccccac	tgtcccccac	155580
ccccaccccc	aaaaaaaggc	tcaagaccag	cctggcctac	aggagttcga	ggccaaccag	155640
gaaccaggaa	taaataattg	agacaaaaaa	ccccacaaaa	acaattttta	aaaagggaact	155700
tgggccagg	ggtagtggc	gcacaccttt	aatcccagca	cttgagaggc	agaggcagag	155760
gcaggcagat	ttctgagttc	gaggtcagcc	tgggtctacaa	agtgaagttc	aggacagcca	155820
gggctataca	gaaaaaccct	gtctcgaaaa	aaaaaaagaa	gaaaaagaaag	aaagatagaa	155880
acttggaagc	tgttgtgcaa	ctcagcaata	aagtaagtcc	ttgtcggaca	tgctttgggg	155940
tccttgattc	aattctcagc	accatacaca	cacacaccaa	gttcattgaga	gggaagatat	156000
aatatctcac	atacctttgt	ctgtaaaaata	ggggcttaag	taaccagacc	tagcctaccc	156060
taaaagtcac	tatgaagcca	aggatgacct	agaattttcta	atctacttgc	ctctacctcc	156120
caaacactgg	gattaaagtg	ccaatatatc	agtttgttta	gtactagggc	tggaaactcag	156180
ggctttggga	atgctgggca	cttttatcaa	ttcaagtaca	tacatcccca	actctatcct	156240
aaaaattaca	tgaaatccta	aagaatctta	aaaaaaaaaa	aatgaaagaa	agaataaagg	156300
tggaagattt	agatctaatt	tcaagacaat	atctaaactg	tgtggggctg	ggatgaggac	156360
acatactgag	aaaggacaaa	cacagaagca	tacccatggg	gttgacatgg	caatacacac	156420
ctggaaaacc	agctctcagg	agcctgaggc	atgcataggc	attgagttca	aggccagctt	156480
ggtctacatg	acaagttcca	ctgcagctag	actgtctcaa	aatataatgc	ccagcatgtg	156540
gaagcctacg	tgtgtgtacc	cttccctccc	tccctccctc	cctacttacc	tcttgtgtgt	156600
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgaaatt	ctattgataa	ctgatctcct	156660
aacattaaga	attttaaccc	tacaaatacc	aaagtgtgga	cactttgccc	cttcttagaa	156720
ttgggaacaa	aacacccatg	gaaggaatta	cagagacaaa	gtttggagct	gagacaaaag	156780
gatggacat	ctagagactg	ccatatccaa	ggatacatcc	cataatcagc	ctccaaacgc	156840
tgacaccatt	gcatacacaa	gcaagatttt	gctgaaagga	ccctgatata	gctgtctcct	156900
gtgagactac	gccagggcct	agcaaacaca	taagtagatg	ctcacagtca	gctattggat	156960
ggatcacagg	gcccccaatg	gaggagctag	agaaaatacc	caaggagcta	aagggatccg	157020

caacccata	gatggaacaa	cattatgaac	taaccagtac	cccggagctc	atgtctctag	157080
ctgcatatgt	atcaaaaagat	ggcctagttg	gccatcactg	gaaagagagg	cccattggat	157140
ttgcaaactt	tatatgcccc	agtacagggg	aatgccaggg	ccaaaaagtg	ggagtgggtg	157200
ggtagggggt	gggggagagg	gtatggggga	cttttgggat	agcattggaa	atgtaaatga	157260
ggaaaatacc	taattttaaaa	aaaaaaagaa	aaaaagaaaa	aaaaagaatt	ttagcccttc	157320
caaaagttat	tttataagac	aggccataga	ctccaagaaa	ctatttgtaa	aaagccaaca	157380
aaacttttgg	ctttatgggc	tggagagatg	gctctgagga	gtgagtactg	gctgctctgg	157440
agagaaccca	ggatcaggcc	cagaacttac	atgctacttc	acaactgttt	ccaactccag	157500
ttcaggggaa	tcagatgccc	tcttctggcc	tctgtgggca	ccaggcatgc	acttggtgca	157560
cagacataaa	ggtaaatata	ctcggtaaaa	aaaaaaattt	tttttatttg	gttttttttt	157620
tttttttggc	ttttggcttt	tggagacagg	gtttctttgt	acaggtctgg	ctgtcctgga	157680
acttgatttg	tagaccaagc	tggccttgaa	ctctcaaaga	tctgcctgcc	tctacctccc	157740
tagtgctgag	attaaaggca	tgcaccacga	ccaccacctt	ccaacctcag	aaaaatgtcc	157800
tcaaacaaaa	aaaaaattta	actaatactt	gaaactgcat	ctataagtgt	ggaaactttt	157860
ttaaattgtg	gggttgggta	ggagagttga	ggatcaaact	caagaccttg	agattgatat	157920
gcaaagtaca	ccaacacaaa	tctagtttag	ttttttgttt	gttttttcca	aacaggytct	157980
tctttccttt	atcccttctc	gctttctatt	gttcacctat	ttgagaaagg	cagtgaaggt	158040
caaagggtaa	cttatcggtg	tcagttcttc	ccaccacgtg	gggtcatcag	gcttgccaag	158100
tgcaccgagc	tacctcacca	gacaagatct	taatagcatc	ctaggctgac	cttgaactaa	158160
agatcctctt	gcctcaacct	cttctgtttg	cttgttaaat	ttgtctaact	tgtttgcctt	158220
cgtgtatgtg	tgtgtctgtg	tatgtgcatg	aatatgaata	attataaaga	cagaatagca	158280
gagtaaaaaag	atctaacaaa	gatgccctgg	agctggactt	agagtagttg	tcagtcatca	158340
gcagccagaa	ctgaaaatca	agctcaggtg	cctgctaccg	aggctcatagg	tgctcaatca	158400
gctcagcttt	cttcttactt	tttgttagga	tttggtttgg	tttgtttgtc	aagccagggg	158460
tttaactctac	aacatacact	tgcttcaaat	tttgatgatc	ctcctgcctc	aaacttctcaa	158520
atgcaggggt	tacaggcatg	aaacccocaca	cccagacctag	gaaaccattt	tccaacttta	158580
cacagccaca	tctacaacag	caaagtccct	aaggctcatgg	gccctgagtc	ccatcttaat	158640
ttctaattgaa	aatcatttgt	aaaatatggt	aatactctag	tctgggaaag	cacacctctg	158700
accctccaag	gtaggcaagg	tacagggagt	tgtcctccag	aggaatttgg	ctttcctagt	158760
tgctgtcaaa	caggttccaa	cagcagggga	aactttggct	gggataagaa	gagttgtgtc	158820
attaaaacac	aactatcagc	agagtgtgtt	ggtacaggca	agcagatcaa	cgcagcctg	158880
gtctgggggt	ccagggttac	acagaccttg	tcaaaaacaa	aaacaaaaac	aaagccctac	158940
aactagtcaa	ataaaaagagg	acaaaccagc	agtggcccat	aaactcagca	ctggggttct	159000
cctgctacac	agcaataaac	tccagccctg	gccacaaaag	atcctcccac	atccccatct	159060
ccccactgg	acagcacaca	ccacgtagg	ccacagcttc	tagggaaacc	ttcatagtaa	159120
gtcagcacta	agagctgtgg	ctaagtttac	atcatctgac	aggaagagct	gatgtgagga	159180
gttggtggta	tacacatgta	atcccagcac	ttggaaggca	gaggcaggag	gatcacaaga	159240
tggaaatcca	ccattcttag	atagaagtgc	caagccctac	aaggccctgt	ttgaaatata	159300
aaaaataaaa	acaggagctt	ggcaggggtg	ccctatgcca	tgtcataggg	acggtcgggt	159360
atacaggagt	ctcaaaagaa	agaacggccc	tagagagaga	ctgccaaaag	catacagggg	159420
attgaactct	tcaccaccag	aactctcctc	aaagtgacaa	aggacactgc	tcccgacagc	159480
agcaggagga	aaacactcca	ggctttctta	cgtgtatcct	tgtcagttgt	tttgaactg	159540
aggaagggat	cctgcggctc	ttccaaatag	cagttaactt	ccattataaa	aaatgtcagt	159600
ttggaacaga	ttatgagaaa	caattgttct	taaataaaaat	aatttagtct	tggatttcag	159660
ttgagcagag	agttcgattt	tcctaagtga	tgcctttctc	tccctccccg	ggctttctcc	159720
tctattgtat	tgaagctctc	agatgccaga	gatggaggaa	caataccaca	acacagctgc	159780
aggcttctctg	cctgcccgc	agtcattatt	ctcaagacca	gaggactttc	aaacgctgct	159840
tgggttgctt	tgaaatccc	tctttcagat	ttccctcctt	catggaccat	ctactgaaaa	159900
gaatggcctc	aaaaatgtct	tactgcacca	accaaatttc	taagcaaact	gaaagaaagt	159960
cgcagcctt	gggtatgatg	agctacaaaat	agcttggtaa	aaagccagta	aaaatgtaca	160020
taacaggagg	gaaaaaatat	ttctaagcac	aggatagatt	ttttttttct	catggatata	160080

ttaaaccagt	ttctgggggg	ggggggaata	ttcaaattta	tatcaaaatt	gtcaacatta	160140
aacactgaaa	tatcaccatc	acatttttaa	agggggaact	accaagtgtc	tcaaactatg	160200
aaaaggccaa	ggcgtccctt	cttagacatt	ttacaccaga	atgaaaggca	tttacgcac	160260
ttaaagtttc	cgagaacaga	acagattacc	agcaatggcc	tgccgacctg	gagtctcatt	160320
tcctctgac	acgtttttaa	tgtgggacac	tcagtcaa	cttaccacac	tgctgagctc	160380
tcacagtga	gagactcaaa	cacaggtggt	taattttctc	cccagcagac	catggacttt	160440
tttttttttt	tttttccctt	ttgtccaaaa	gcattaaatg	gaagcttggg	gagtaacagc	160500
ttgtcaaact	ggtaaaatga	acagcaactt	cccaagttac	ttgcagaact	gaaaaggacc	160560
aataacatct	gataaatcct	tactctatta	caacaaaata	tcagtccctt	gaagtttagt	160620
gcagtggaa	tcaaccttta	caattaacat	tcaactgggc	atcaggttca	tccacgtgag	160680
gacagggtg	acttctgaag	cccttccctg	ccagcatctg	tcagagcccg	gccaggattc	160740
ccttcccacc	attctagggg	taaccaagaa	ttcagtatta	cagagaagct	cacagccagc	160800
cgctctgac	caagggaagt	agacctctca	acgaaacagc	agtatagaat	agtctgccaa	160860
aaagtcacac	cttttcttga	atccatcaca	gagaagcaaa	acagaacaca	gataactacc	160920
tgggggtggg	aagatactag	ctcattttgt	ctgagaactt	ttttttttcc	aagatatatt	160980
tggtgagact	ccttaccctg	cctgtagccc	acatgactat	ggtatggtta	gttaactaag	161040
cctttataac	taccactgtg	aaactgacct	agacagcaat	tcctaccaag	ctaaatgaat	161100
gccgacaaac	tggcaactcc	atattgcaggc	caagcagatt	atctagtgtg	tgatgagcca	161160
gcctcactga	ctcctgctga	gcattcttcg	gaccttttcc	tggtctttta	caactttcca	161220
acagagatag	gaaaagcaaa	ggtgataaat	caagtcaatt	ccatcatttg	ttgggagatc	161280
gaaaacaggt	tagagctgtg	aactgaataa	atatggtctt	aggccaacaa	caacaacaac	161340
aaaccagaa	gccccctcag	gaaacaatgg	atacatattt	acctaacagt	aactaaggat	161400
cctccaggtc	caccgaggtc	ctcctccaca	ctaccaattc	tccaacatg	tgctcaaggt	161460
gagcgccaca	tttcaactga	gcaccacgtc	tcagaactcc	ctgcaaccca	gtcacatcct	161520
ttccaacact	agagaaatca	ctgtgtggtt	cccagagctc	tagccagtga	atacagcaga	161580
gattacacca	tgctcctagg	tatatattgt	ggcccaaacc	agctggttca	gcatccctt	161640
gctcaatgga	tggcaggcaa	caagaacaac	tcttggtttt	ccaatcccag	gaagtctcag	161700
cagagtaagg	gggtattaaa	tgtggccaat	ttgctatgta	gacaaactgc	cactggaggc	161760
aatagtcatt	ctaaacttgc	aacaacttaa	aagtttcaaa	agtacatcct	ctggcagaca	161820
attaaaatta	cagagttttt	aaacgcaaa	agaaacaaac	cctaaagtca	aatacctcaa	161880
caaccaatta	gagacaggac	agcagcattt	gggtttccct	gttttaccta	accctattac	161940
ccaggctaaa	aggcactctg	aaatagttct	cccacagccg	ttttcaactt	aatacaacta	162000
ctctggagcc	acacagccat	ggcacaggag	actgggtgga	aatgtgctct	atgtcagtgc	162060
aggtgcgggc	tttccaaggg	gtaccccat	aatgagatgg	agggacctaa	ctcaggttgt	162120
taggtggtcc	aaaaccctta	accattgagc	catgactcta	ggccaagagc	tgaattttgt	162180
aatttttttt	tttggtgtta	atagaatgtc	cctgacatag	caagaagcta	taatttcaat	162240
gattcaaaat	gggcttcctg	gcacatgaac	tcacaggcac	gtgcgtgtac	acacacgcac	162300
acatacatct	aaaaaaaaaa	aaagtgtgtg	ggattggaga	attgggtcag	tggttagaag	162360
agcacttggt	tcttttgcaa	aagggtcctag	gttcaattcc	cagctcacia	ccgtctataa	162420
ctccagctcc	agggaatcaa	gcaccttctt	ctgacctcag	caggcactgt	ggtatatatg	162480
catgcacaga	gacaaaaaat	atccatgatg	cataaagtaa	taaaataatt	ttaaaataat	162540
ttgtaatttc	attccatttc	ttgggagaca	aatgcagaag	cggcactata	agtccatgcc	162600
agcctggtct	acacagttag	ttacaggcca	gccaggaata	cagtaagatc	tggtctcagg	162660
gagaaaaaaa	aaaaaatgca	aataaaaaaa	tggtatcatg	ccggcgtggt	ggcacacgcc	162720
tttaattcca	gcacttggga	ggcagaggca	gggggatctg	atttcaaggc	cagcctgggtc	162780
taccttgcaa	ggttgatgaa	atcggggggt	acatagagaa	aagaaacctt	gttttaagcc	162840
ccagccactc	ccccccaaaa	aagaaaaaaa	aaggttcaag	accagcctga	cctacaggag	162900
ttccaggcca	accagggaat	gttttttgag	acacaaaaaa	aaaaaaaaaa	ccacaaaaac	162960
aattttttaa	aagggaactg	ggccaggcgg	tggtagagca	cgctttaa	cccagcactt	163020
ggggggcaga	agcaagcaga	tttctgagtt	ccaggccagc	ctggtctaca	aagtgagttc	163080
aaggacagcc	agggtcacac	agagaaacct	tgtctcaaaa	acaaaaacaa	acaaaacaa	163140

aaaaagaatg	cattcatggg	gctagagaga	tggcacatcg	gttaagagca	tggctgctct	163200
tccaggtcct	gagttccagt	cccagcacc	acacggcagc	tcacggccat	ctataaagg	163260
aactgacgcc	ctcttctggc	atgcaagtgt	acatgtagca	gagcactcat	acataaaata	163320
aattaaaaaa	aaaaaaaaa	aaaacaaata	ttctttttaa	agggcattag	tgggggctgg	163380
agacatggct	cagtggtgaa	gagcactgac	tgctcctcca	gaggtcccga	attcaattcc	163440
cagcaaccac	atgggtggctc	acaactatct	gtaatgggat	ctgaagcctt	cttctgggtg	163500
gtgaagacag	ctacagtgtg	ctcacatata	taaaataaat	aaataaatat	tttaaaaaa	163560
aaaaggcggt	agtgtctagc	cacacacaca	aaatagggga	aggacctgca	gaaccaagtt	163620
ggaagctact	ctgggtctata	tcataaggga	aaaaaaaaa	taatgaaggc	cttaatgggc	163680
tggagattca	gttcagttac	aaaacacttg	ccaagcatgc	atgaggcctt	accttggggc	163740
tcaatcccag	cacccaagaa	gaaaataaga	tggttgtaagt	aatcacttca	aacaagtatt	163800
ttctttcacac	actgcccgaga	gagaggatcc	cgggcctcag	agtgcactcc	ctccttaata	163860
aatgagttca	tattttactaa	gaggggtggag	gtgccctaca	gaatttttat	accagggaaa	163920
atgcateccta	aagtcacttt	cgaagcataa	tgaaattagc	taggggtgtg	aatcagcaca	163980
catttataaaa	aaatagctca	ggggataaga	gcactggctg	ctcttgccagg	ggattcggga	164040
atccaagcaa	ccacatgata	gctcacaact	gtccataact	cgagtcccag	gggattgaaa	164100
gcctcctcag	gcacgaagca	cacatatgcg	cagacatgta	tgcaggcaaa	cacttatata	164160
cataaaatat	aaattaaaaa	tttttggttaa	agtcagaaaa	tatttaatat	aatccctgat	164220
aacctagcat	tactatcatg	ctgggggtttt	ttctaagatt	atttcctaata	gtatgtgtgc	164280
ctacatgagt	tctatgtcct	ccacatatac	gcaagagact	gtggaagcca	gaagagagca	164340
tgaactgaga	cagccagaac	tgaagttaca	gatgggtgag	cagcctcgtg	ggtgctggca	164400
agggaaacca	agtcctcctg	aaaaccagta	aggtctcgta	accactcagt	aactgtaatg	164460
aactgttagt	atttttttaa	tattacttat	ttttatttta	tgtatatgac	tgttcactat	164520
atgtatgtat	gtgcagcgtg	tacagaagcc	tggggaagac	ataagggcac	tggatgccac	164580
agagcttatt	aagtttgaat	aggtttgtgac	catgtgggga	ctaagaacca	aacctgggtc	164640
ctatgagaag	ctgcatgggc	tcttaccctc	ggggccatct	ctccaactcc	tctggagtaa	164700
tttttaaaat	cattctagca	aaacaaagtg	gaacaagcct	tcattctcac	ttgagaaact	164760
gaaacaggag	gctgagttca	attgaggcca	acctagctgc	taaactaatt	aacttcatga	164820
ttcagaggct	tacaaaagg	aataaataat	cctgaggtgt	cataagtctc	taatcccagc	164880
atctgaaggg	cgaggcagga	agatcacag	ttcaagacca	accagaaata	taagctccgg	164940
gttccacacg	ggcctgagca	tctcaaaaaca	ccaaagacgg	gatggagaga	tgcggggttc	165000
cacacggggc	tgagcatctc	aaaacaccaa	agacgggatg	gagagatgg	ggcgtagtgg	165060
tttaaagcac	ttgctacact	ttcagaggac	cagggttcga	atatcagcat	gtacatggca	165120
gctcactatt	tgtaaactgaa	ttccaaggaa	tctaacattc	tctcctggcc	tccacagaca	165180
caaggcacag	gcaagatgcg	gtgtaccaac	caacatacac	acaggcaaaa	cacacatata	165240
tgtaaatttg	gggaactggc	tatatagttc	agtggttagg	agcactggct	gtgcctacag	165300
agcacctcgg	tttgattccc	aacaccctca	tgatggcttt	tgtttgtttt	gcttttattt	165360
tttttgaaac	agggtttctc	tgtatagcac	tggctatcat	tctgtagacc	aggccggctt	165420
cagagataca	tctattttctg	ccaccagaat	cctgagatta	aaggcataca	acattatgta	165480
tgccttactc	acaaagcatc	cttaaattca	gttccaggga	tctgacagaa	gggattctct	165540
tctgaccttt	taagcaataa	ggatgcacat	gatgctcaga	catacatata	gacaaaatac	165600
tcacacacat	aaaaataaaa	taatctttta	aaaagacaat	ottgattata	tgctgaagtt	165660
tgtgttttga	agtcctcttt	aaagggtggt	ttctgatgaa	aatgtcctcc	gtaactgctt	165720
acaattagag	ctgccccttt	tgcctacaat	ccccagctat	aaaatgtact	tccttctata	165780
tgctgaaagc	tagcatgtgc	ctttttgttt	tttaatgctg	attggacaat	taagtctttt	165840
ctatcaacat	ataaaaatact	ctataatttg	ggatcacagg	cagtttagat	tactgctcat	165900
ttaaattcag	aacctgaagc	tacctccagc	aacacaggag	ctacagtggg	cggtatcact	165960
ttacatgtta	caaacagagg	cttcacttta	caatgaagcc	tcagggttct	acatcccaca	166020
gactattatt	tctttaagg	ttttaataca	gcaaacagca	gtagcactaa	attcaacagc	166080
ctaacaacta	ttgagatttt	ttaaattcat	gtcaatcagt	gcactagggtg	gatgcctgat	166140
gtccacagag	gccagaagag	ggcgaccgat	cccttggaa	tggagccata	gatgggttgct	166200



ggatgctgcg	ggtcaataacc	aggtcctcta	gtagagcagt	aaccaatggt	cttaaagctc	166260
tgagccatct	ctccagctcc	tgcaagttta	aaatagcaaa	aaaagaaaac	actaccctc	166320
cccagcccc	gttccctgctc	tcagtatata	ccagctgggg	tttgtttcta	atgaaaatac	166380
tttagtcttt	agttccaaaag	ccaaacttac	tgcaagaaat	gctaacagtc	attgccacag	166440
acagggtttc	tagtggaaga	gattcctttt	tcagtatttt	cagacctttt	cagttgggta	166500
tccgatgtgg	aaaaaaccta	ttctgaatac	ttgataacca	tttaagggtt	taaaagaaca	166560
aacggctcac	aaactcagag	gtttgcactg	ccctgttagt	ccacagccgt	atctgctgaa	166620
gatctgaatg	catgcaccct	tagctccagc	aactcatttc	tgcaacaacc	tgcaggaaca	166680
aatgtcgagg	ctttggcgca	gcagagatct	gtcaaccaag	ccgagggtcc	ccgacattta	166740
aatctcagtc	cagaaaccct	gatacaggac	ctctcatctt	attcgtccac	ctagcccttc	166800
agcagacagg	ggactgactc	gccttcctgg	tttttaacct	cacaagctta	attacaaaaa	166860
caagtgggt	ttgaagcgct	actcagaaac	tgcaaccaaa	aaaaaaaaaa	aaggaagtct	166920
tcgcatttgg	gagggggaaa	aagttttctg	acttaaagac	actttccaac	cttccagtgt	166980
catacagtgt	ggagtccctag	gtccctgctc	cgcggggcta	cgatgctctg	gcctctccga	167040
gctgctctcc	tgcttaactt	ttccacccta	gccaccctca	agctgcctag	ggaagtagca	167100
ctgcctccca	cttcatttaa	actactgcaa	acagaatcaa	tgaacgaacc	tagactggga	167160
atttcagaag	atgaaagcga	cctcgatgat	agccgacaca	agacggcaga	gcccctatcc	167220
acgccgcaca	gagagggaga	gacccacac	tcatcccata	cagacggccg	accctgcac	167280
cacgctacac	acacctcgga	ctcctcatcc	gccaaagcatc	cacctggag	acatcgcgga	167340
ccccgcaccc	accgggtcct	cgccccgcac	agaccgcaga	ccttgcactc	acccctcgca	167400
cctccactca	cccggcacac	accagcacac	acctcgca	ccgcactcag	ctccctcgcc	167460
cagcatccac	cctgcagacc	cccacacgca	gcctgcatcc	acccacaca	cctggcggac	167520
tccggggcca	cccaacacac	ctggcacaac	ccgcagaccc	ccacatccat	gccacacacc	167580
ccgcacacgc	cacagacccc	actctcacc	cgcacacacc	ccgcgggcac	cgcacactcc	167640
gtgtccgcgc	cgccccgctc	cagcggagcc	gcagcttcgg	ccggaggagc	cgccccgtgc	167700
cgctccgcgc	ggcggcgccg	gcggaagag	gagactcggc	tgagcttctc	cgacccgaga	167760
ttcggcgggg	ggagccccag	cggcaagcag	aggccgcggc	cgcgaaactcc	tcgcgacccct	167820
gcacggggccc	cggagcccag	cgccgcccgc	gcatccctg	tcgcctgcgc	cgcgcgttac	167880
tggcgacccc	aggacccccg	cctcaggcca	tgccgcgggc	ctcgcccgcc	gctcgccact	167940
gcctttctct	ccactcaccg	ctcgccgcca	tcttcccca	cgctgttctc	gatcggaaac	168000
tcacagctca	gccccggccg	ccgacaccga	ctccgcggag	gccgcgcgcg	gcgctctgag	168060
gagctgaggc	agccgcgcgt	gaagccgcgg	cgcgggggcc	gccgggattt	gtagtccgc	168120
ggccacgccc	agcactacgg	gtcccagggg	gccgtgcgcg	aggcaggggg	cgtggccgcg	168180
aggcctgggt	tcctctcagc	tcaccagcc	gctggagggtg	aagaggacgt	tctgggttcg	168240
ttttcccggt	tgctgtctc	catcctggaa	ttcctgactt	caatggagt	ttcattgtgc	168300
gccaagcacc	gtcccacaag	accagtagct	gagggggcgt	tgtccttact	tttcagagga	168360
gcaaactgag	gcccagggtc	aggagccctg	ctaagtcact	gacttgaaaa	ggtttcgggc	168420
cttgcggtga	tggcacacgc	ctttaatccc	agcactcagg	aggcagaggc	aggcggattt	168480
ctgagttcga	ggccagcctg	atctacaaag	tgagttccag	gacagccagg	gctatacaga	168540
aaccctgtct	cgaaggaaaa	aaaaaggttt	tggtccacaa	ggtgttggtc	ctcagggtttg	168600
gtctctgcgt	attgtgattt	aaaccagaga	acagcttgct	ttacagtggg	aattactgag	168660
agacagcacc	ttaaccaaga	acatcttaaa	ctcggtgcc	ccaaagggtga	ctcaaactgt	168720
cacgccatgt	ccccgatagg	atgcagtgca	gaaagcagaa	aactaccaag	ttaagtgaac	168780
tgaatctaac	ggaataggaa	aataaataaa	taaataattt	tttaaaaaat	ttaaagcgag	168840
aatgtgcagc	attctacaga	accagcctct	cctccaagaa	aaccgatggt	agcaagtga	168900
ggcaatccca	gtgaccccat	ggctccgggg	cagaaacaga	agaaacaaaa	actcaaagtc	168960
ctccttcaaa	gcagggattt	aaagccaagt	tggggatggg	ggtgagggga	gtctgaccaa	169020
aataaataag	gccaaagtta	aattcaataa	atgtaggcca	ggctagactc	cagtttagaa	169080
acctggctgc	ctctgcctcc	ctagtgtctg	attaaaggca	tgactagca	accccggttt	169140
atggatagtt	cttaggtaaa	aagaacttgt	aaaggaattt	ggagttaatg	ggaaaaata	169200
gaggacgtct	tgggacacaa	ctgtataaaa	tgtcttcagt	gtgaataaga	ctaaccctat	169260

```

cctgaggttc tgctgtcacc tcaaggattt cccacctgca ctactttact gttctgcaag 169320
tgtccactgt ttacccttgg agttattccc acagcagcca agtcccaaac ctgggtgtgg 169380
ggtgcacacc cttaatccct gtactcagaa ggcagaggca agtggatctc tgagttccag 169440
gccatccagg gctacataga gaaatctaata cttaaaacta aaaatagtaa taataattct 169500
aaatgtaaca aaagtacatt aaaataaata attactgatt caagcacagt actgtactaa 169560
aattttatcc atattcagac atatacataa tctttatata tgtatatgtt gagagcataa 169620
cagatatgaa cagtaaaaaa ataattcaat tgtttcagta aaagatccaa aaagaaggca 169680
gacatgccgc tgctttgggt ggggtaagca ggtgaccctg caacagcatc tggccgggtgc 169740
tagagccaaa atttaaagta gctgattgac ttgctcaggt agataatcag cgaagatgct 169800
gccttcatcc ttcattccttc cctgtttgcc cagaccactc ctccatgaag ggattgactt 169860
gtgtcccttc ttcgaattag gcttgggttct aagactgttg ccccaaggaa acacaagtca 169920
caggcctaga gcttgagaat gctgccagct cctacttctt ccttcctggc cccaactcta 169980
gctctatgag aatccagagg gaaaggaagc accagttgac agaggctgag gtcccaggca 170040
agacccaaca gcagctgccca gccctgcaca cagccttctt gtacgtccct gtcccttgag 170100
ggccccagtg cttacatcac caacaagatt agcaccagag ctaggcctgg taggacacac 170160
ctgtaatcct tccatttagg aggtaaaagg acaaaggtta tcctccacta tgtctgaaat 170220
cccaggccag cctacacatg gtatcctgca atcccaggac tcaggaggct gaggcaacag 170280
gattgtcaag aggacggggc caggcatgca gggccaccca ataagagcct actggaagga 170340
agaaagatgg agggagaaag ggaggaagag agaaaaacta gttcaaattc caaaaaggaa 170400
tgtattctac tggccacatt ccatgtttgta gatgtaaaga acagaccacc agggtgactt 170460
ttaaaaaact aaggaataca acttgctgat cacttgactg agatgaaata taaaaccatc 170520
acagaaggcc agcacatggg tcagcagata tagtcccttg ccatcaggcc tgaagagtga 170580
ggtctcagaa cagaaggaga gaaccaaata ccccgaaagc tatcttccat cctgtaccat 170640
gtcatgcccc accctcctcc agaaaaataa ggtgatcata attctataag ctgggtgggct 170700
tccctacaat ttactctcaa atgtctcaaa gggaaaaaaa agtgctggat ggtggcaagg 170760
gcatgtgggg gcaaatgtgg cattgtgaat agattttctt ttagaacact atgtgggcta 170820
attggttttt agggtttttt tttttgggtt ttgttttgtt ttttgttttt tggttttttt 170880
tttgtttttt ttgttttttt tttttggcaa ttgacacaa actagagcca tctggaaaga 170940
ggacaagtga gaaaaggctt tcacacact gacctgtaga cagatctgtg tctcattttc 171000
ttgattaatg gttggtgtgg caggcctagg ccctgtaagg gcagtgccat ccccaaacaa 171060
gcagttcttg ggtgaacaac ccagtaggta gtgtttctcc atgtcctctg cttcagttcc 171120
tgccttgggt tctcgggtga tggaaatcaa cccttttggg cctggtgttg atcccagcaa 171180
atgaaagcca actacagaca gatacacagg cctttgcagc tttgggtgct aggattgaac 171240
cagagcctta tgcaagctac gtactcgctc tagcattttg agctgtaccc tcaacccatg 171300
tttctcatag actttcagat tttctgtaga ctcggaacat ttccaaagta ggaaagtggg 171360
ttgttgtggg acagggagga ctcagaactc acagagcact tataatgttcc aagtactttg 171420
ggggttttatt tttgttttct taatgggttt gttttgtttt gtcttgcttt ttgttttatt 171480
ttgaggctgg gtcttaagct gccgccaag ctggctgcaa actcacagcc gtcctcctgg 171540
gatctggagg gcagcagcac acccagcttt tcaagagctt tttgtacttc ctgccecca 171600
ttcatgtcat cgctgcacga atgctgatca caccctttt cagagaggag taaatggagg 171660
cttgaacaag tcagtcactt gaccaaggac agacacctgg ccaaaccctc aggcctcttc 171720
acgtcacacc tcttcacctc tgcacaagtg acagagatct ctaacagtct tctggactgg 171780
agaatccctg gaggtagctc aggtcttgac cttttgacta aaatcaagag tagcaatggg 171840
gcaggaggtg atggcacgcc actttagtct cagctctcag gagatagagg caggaagatc 171900
taagttctag gccagcctgg ttcacagagt gaattc 171936

```

<210> 25

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic primer

<400> 25

gaaaagaggc agattcacgt cgtttccag

29

<210> 26

<211> 28

<212> DNA

<213> Artificial Sequence .

.

<220>

<223> synthetic primer

<400> 26

atctggtgct tcttttggga tgcgggag

28